WALLACES' FARMER
and Iowa Homestead

IOWA'S LEADING FARM NEWSPAPER

JULY 21, 1956

Pick 'em early in the day

FAVORITE summer treat for many farm families is corn-on-the-cob. Time was when the season was limited to a few short weeks. But now, for those who have freezers or locker space, it is available the year around. Providing, of course, that mom and the girls are willing to do the work.

To get the best "roasting ears," gather them early in the morning when the milk spurts freely if pressed with the thumb.

MORNING job for Mrs. Junior Coon and daughter Judy, Louisa county, Iowa, is to gather sweet corn; not only for canning and freezing, but for dinner.

If you need a new well . . . 14

What enzymes mean 20

How to pick meat type hogs 26

Has cloud seeding worked? . 32

Time limit on phone calls? . 34

Husk faster . . . save extra bushels with

Complete On-the-Go Control . . . .

Now, husk non-stop to save more corn and crib it sooner! See how a McCormick 2-ME picker mounted on a TA-equipped Farmall® 300 or 400 short-cuts corn harvest. You change picking speed on-the-go . . . pull through tough spots without shifting . . . go as slowly as 1½ mph. New snapping roll adjustment* lets you space rolls to suit varied crop conditions—on-the-go! New bank lubrication system* halves servicing time. New elevator cleaning fan* keeps dry husks out of your wagon. The McCormick 2-ME also gives you big-capacity snapping and husking rolls, shelled corn saver, and many other corn-saving advantages. In all conditions, on-the-go control helps you husk faster, cleaner, and more safely with the McCormick 2-ME corn picker!

NEW snapping roll adjustment!

NEW auxiliary cleaning fan!

NEW bank lubrication system!

**Available as special equipment.*

Steer front divider right or left, with tractor front wheels, to funnel in tangled corn or to turn sharply into rows without breaking stalks.

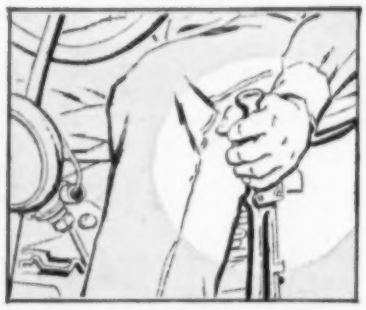
SAFETY PAYS ALL WAYS . . . National Farm Safety Week, July 22-28

WALLACES' FARMER AND IOWA HOMESTEAD, July 21, 1956 (Vol. 81, No. 14). Published first and third Saturdays of each month by the James M. Pierce Corporation, Des Moines, Iowa. Subscription price, one year for one dollar. Entered as second-class matter October 19, 1929, at the post office in Des Moines, Iowa, under the act of March 3, 1879. Copyright, 1956, by the James M. Pierce Corporation.

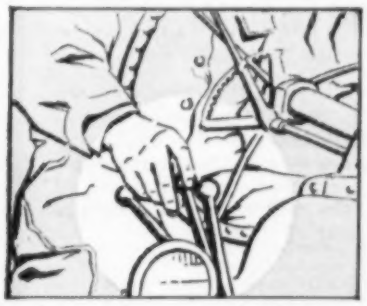
McCORMICK® 2-ME PICKER

HERE'S WHY YOU PICK NON-STOP!

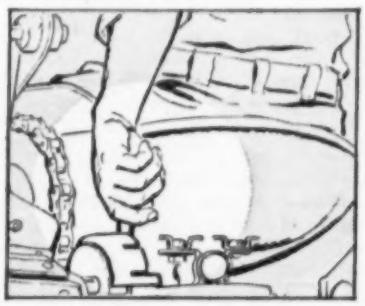
Space snapping rolls on-the-go for no-slug feeding of tall, heavy stalks . . . positive snapping of big or small, damp or dry ears of corn.



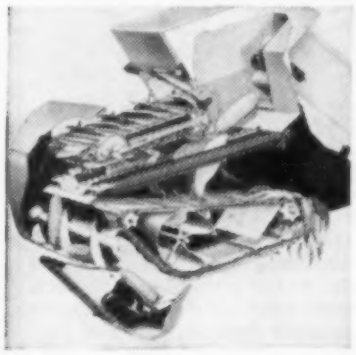
Change picking speed on-the-go, with Farmall Torque Amplifier to save down corn. Two speeds in each gear match travel to any condition.



Raise or lower gatherers and front divider with a flick of the Hydra-Touch® lever. Nose gatherers under down corn . . . lift them over ditches.



Control husking on-the-go by varying pressure of ear forwarders. They hold ears to each unit's 4-roll husking bed. Rubber-on-steel rolls husk clean.



Husks go! Every kernel stays

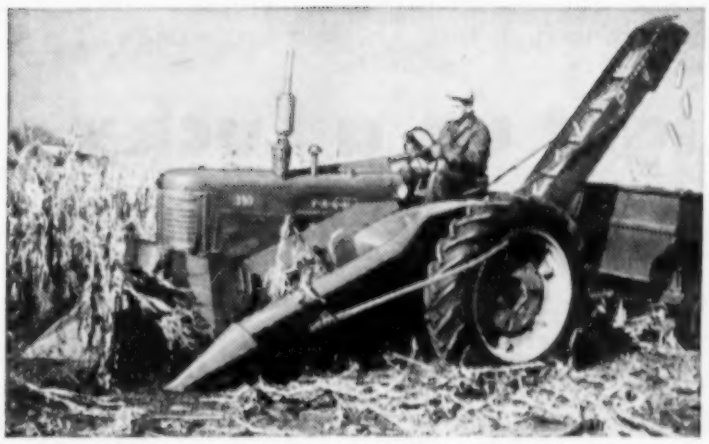
Get "ribbon-free" husking with four husking rolls for each row unit. Forwarders hold ears to the rolls . . . rubber works against steel to clean-husk damp or dry corn. Any loose kernels go into the shelled corn saver, under the husking rolls, where they're cleaned and delivered to the wagon elevator. The 2-ME is grain tight.

Choose from 5 McCormick pickers—one or two-row mounted pickers (heavy or regular-duty) or one or two-row pull-types! Get the size and type that *exactly* fits your acreage and your power. Use the IH Income Purchase Plan.

SEE YOUR

INTERNATIONAL HARVESTER DEALER

International Harvester products pay for themselves in use—McCormick Farm Equipment and Farmall Tractors . . . Motor Trucks . . . Crawler and Utility Tractors and Power Units—General Office, Chicago 1, Illinois



McCormick 34HM-20 . . . 2-row mounted regular-duty picker, with in-line snapping and husking rolls, gives up to 20-acre-a-day capacity at low cost. You adjust snapping rolls instantly—on-the-go! Mount this picker on a Farmall 300 or 400 in a few minutes.

McCormick 2C-10 . . . lowest-cost mounted picker teams with a Farmall 200 to harvest 7 to 10 acres a day. This one-row picker, with in-line rolls, gives you hydraulic gatherer control . . . instant snapping roll adjustment and steerable divider.

McCormick No. 1-PR . . . one-row pull-type picker husks 8 to 10 acres of corn a day. Big 6-roll bed husks clean even when corn shucks are dry and brittle. You can operate the No. 1-PR with a 2-plow tractor. For larger acreages, get the two-row pull-type No. 2-PR.

International Harvester Company
P. O. Box 7333, Dept. WF-7, Chicago 80, Illinois
Please send McCormick corn picker catalog checked:

- ☐ 2-ME two-row mounted
- ☐ 34HM-20 two-row mounted
- ☐ No. 2-PR two-row pull-type
- ☐ 2C-10 one-row mounted
- ☐ No. 1-PR one-row pull-type

Send for FREE Catalog

Name _____ ☐ Student
Address _____
Town _____ State _____
My IH dealer is _____

Let her drift, mister. Moments like this are too rare to rush through. Just settle back...

Light up a Lucky

it's light-up time!

Man, here's a real cigarette! Luckies are made of fine tobacco—mild, good-tasting tobacco that's TOASTED to taste even better. Outdoors or indoors, you'll say it's the best-tasting cigarette you ever smoked!

© A. T. Co. PRODUCT OF The American Tobacco Company AMERICA'S LEADING MANUFACTURER OF CIGARETTES

INSIDE STUFF

BIG CORN acreage this year. Corn allotments and the soil bank didn't cut it down. Drouth may.

"WE GOT more rain in June than in the whole year before," one farmer told me in Taylor county, Iowa. But they could use still more.

IN PARTS of southern Iowa and northern Missouri, heavy rains have greened up pastures, given new hope for corn and beans. Ponds are filling up. But wells are still short.

TRAGEDY of the drouth districts is that many farmers had to sell dairy and beef cattle before the rains came. They were out of feed.

"FARMERS stopped selling cattle as soon as the rains started." That's what one farmer told me in Nodaway county, Missouri.

HOW DOES a farm boy of 'teen age act when he calls at a girl's home to take her out for the evening? One social expert says: "Don't honk. Go up to the door."

HE ADDS: "Once inside the house, stand until you are invited to take a chair. Answer politely when your girl's folks talk to you. And say, as you leave 'We'll be back at twelve.' or whatever the family deadline is."

THIS IS what the social expert recommends. But what actually happens on Corn Belt farms? I'll appreciate letters.

ART THOMPSON and I drove Adlai Stevenson thru 17 Iowa, Missouri and Nebraska counties recently. An old friend, Art Moore, former editor of Prairie Farmer, called us to say Stevenson wanted to listen to what farmers had on their minds.

WE'RE ALWAYS glad to get political leaders of either party better personally acquainted with farm conditions. I'd like to take the President or Vice President on a similar trip.

AFTER THE TRIP, Governor Stevenson said to me: "The thing that sticks in my mind is how many farmers in dry counties said: 'The price drop hurt us worse than the drouth'."

HOW HARD the price drop and the drouth hit depends some on how old you are. Young farmers who started after World War II are having the hardest time.

"MAYBE WE were overstocked," commented an older farmer in Appanoose county, Iowa. But a young man said: "I wasn't. I was just getting a herd built up when this drouth hit."

IN 37 MONTHS of the Korean War, 33,417 soldiers, sailors, marines and airmen were killed. In the 12 months of 1955, 38,500 were killed on the highways of the United States.

SOME ELECTRIC toasters will take only thin slices of bread. Has this given an edge to bakery bread over home-made bread in some farm homes?

LATELY, some toasters are being made with plenty of room for a thick slice. But how many farm kitchens have this kind?

WHILE WE'RE wondering how to pack students into our jammed colleges, we learn that only half of the good prospects are getting into college. And costs are rising so that poor boys and girls have a harder and harder time.

MORE SCHOLARSHIPS are needed for smart boys and girls whose folks don't have much cash. And maybe some screening to keep some of the playboys and playgirls out of college.

IS YOUR child slow in reading? Have you ever considered what kind of an example you set him? Folks who read lots of books and magazines themselves find they are being imitated by their children.

ONE MINOR by-product of the dry spell is the hollyhock crop. In most years, hollyhocks swarm over farm yards and fence corners. They're hardy as well as beautiful.

THIS YEAR, the hollyhocks are dwarfed. And grasshoppers like the big leaves. At our place, there were only a few blooms and the leaves were riddled.

I FIND some city visitors think farm troubles are over when pastures green up. It takes more than one rain to make feed.

LOOK AROUND before you drive out of your farm lane. Too many folks are getting killed on gravel roads this season.

DONALD R. MURPHY.

WALLACES' FARMER AND IOWA HOMESTEAD
"GOOD FARMING, CLEAR THINKING, RIGHT LIVING"
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News Bureau Manager,
WHO-AM-FM-TV, Des Moines

Jack Shelley asks:

"What happens to the money a business takes in?"

W. J. Hallmann, General Accounting Department, Standard Oil Company, Chicago, Illinois:

"Our company did a whale of a business last year . . . $2,102,308,139. That's what we 'took in' as you say and includes taxes collected from customers for government agencies. At the same time we were spending $1,424,739,000 for materials used, operating and general expenses, and salaries and wages. That's equal to 67.8 per cent of the total we took in. Charges for wear and tear amounted to $139,184,000—6.6 per cent. Federal taxes on income and other taxes, including those we collected from customers for government agencies, amounted to $381,267,000—another 18.1 per cent. These costs and expenses amounted to $1,945,190,000 for Standard Oil and its subsidiaries in 1955. That's more than 92 per cent of what we took in."

Cyrus Wright, Payroll and Tabulating, Standard Oil Company, Sugar Creek, Missouri:

"There are more than 50,000 Standard Oilers, so you can imagine the size of our payroll! Our people earned $330,800,000 last year in wages and benefits. Yet, believe it or not, large as our payroll was, we paid out $381,267,000 for taxes of all kinds. That includes our own taxes and the taxes we collected from customers for local, state and national governments."

P. H. Towle, Research Group Leader, Standard Oil Laboratories, Whiting, Indiana:

"In a business as competitive as ours you can't stand still or you won't stay in business very long. You have to keep on improving your product and your service all the time—and that takes money. The two-octane number increase in gasoline made between July 1, 1954, and July 1, 1955, costs the consolidated company over $10,000,000 each year. And last year alone Standard Oil invested millions of dollars in research to bring our customers more powerful gasolines, all-weather motor oils, and other product improvements."

Marvin L. Hayes, Treasurer's Office, Standard Oil Company, Chicago, Illinois:

"Well, it's a small part of the total taken in, but as a return on their investment, a company pays dividends to its share owners. Dividends were paid in 1955 for the 62nd consecutive year. Our last dividend of the 1955 year went to 132,400 owners, many of whom are educational or charitable institutions like Children's Hospital, Detroit (shown above). Dividends amounted to 2.7 cents of each dollar we took in. The rest of what we took in, 4.8 cents per dollar, was retained for use in the business. Including the market value of the special dividend in Standard Oil Company (New Jersey) stock our dividends were equal to about 1/2 of net earnings."

What makes a business a good citizen?

Being open-and-above board, for one thing. That's the American way. Standard Oil Company and its subsidiaries report fully each year to government, shareholders, employees, and the public just what use was made of the money we took in. Copies of our Annual Report for 1955 are available on request as long as the supply lasts. Our address—Standard Oil Company, 910 South Michigan Avenue, Chicago 80, Illinois.

SAFETY PAYS ALL WAYS—
Support National Farm Safety Week, July 22-28

STANDARD OIL COMPANY

STANDARD

Which do farmers worry about more—

Farm income or war?

Readers of Wallaces' Farmer and Iowa Homestead have both on their minds

LOOKING toward the election, farmers in the area covered by Wallaces' Farmer and Iowa Homestead want two things:

1. A victory for the party that will do the best job of raising farm income.

2. A victory for the party that will come nearest to heading off another war.

But how do they vote to get both? That's something many farmers aren't yet sure about.

Farmers in this survey come from the area shown on the map at right. However, no women are included, and the men are those who showed interest in current farm legislation. Later surveys will include everybody in the area shown.

This question was asked farm readers: "Looking ahead to the next election, which party, the Republican or the Democratic, do you think is likely to do the better job in helping to raise farm income?"

Republicans and Democrats, in the whole area, answered.

	Rep.	Dem.
1. Republicans better	30%	0%
2. Democrats better	39	94
3. No difference	23	6
4. Undecided	8	0

Here the Benson record hurt. Of the majority who said Benson had done a poor job as secretary, 80 percent voted Democratic on this question.

How did Iowa and the whole area compare? Here is the score:

	Iowa	Area
1. Republicans better	17%	21%
2. Democrats better	59	56
3. No difference	17	17
4. Undecided	7	6

This looks like a landslide. But in 1952 Iowa farmers slightly preferred the Democrats on the farm issue and still gave Eisenhower a 68 percent vote.

The war issue carried Eisenhower to victory in 1952. How do farmers feel now?

This question was asked: "Which party, the Republican or Democratic, do you think is likely to do the better job in preventing another war?"

Here is the way Republicans and Democrats lined up in the whole area:

	Rep.	Dem.
1. Republicans better	68%	4%
2. Democrats better	3	29
3. No difference	25	59
4. Undecided	4	8

On this issue, Republicans held much of their 1952 vote. And Democrats were lukewarm toward their own party.

How did Iowa and the whole area vote?

	Iowa	Area
1. Republicans better	46%	49%
2. Democrats better	10	11
3. No difference	38	35
4. Undecided	6	5

So on the war issue, the Republicans would have a good chance of carrying the farm vote in this area.

But which of these two issues—or what other issues—will govern farm voting in November? At the moment, farm men in this survey seem to put more weight on the farm issue. But the campaign is young.

Men readers of Wallaces' Farmer and Iowa Homestead in area shown in map were polled on issues.

"I Feed MURPHY'S CONCENTRATES On My Farm,"

says Joseph Leman, Manager Eureka Farmers Co-op. Assn.

"And you can't beat MURPHY'S for low cost results, better health and making more money."

"In the 20 years we've handled the MURPHY line, I've heard MURPHY feeders talk about good results with hogs, steers, poultry and cows. MURPHY feeders really get sold on the low cost job of feeding they get done with MURPHY'S. I feed MURPHY'S on my farm. I recommend MURPHY'S to feeders, confident that they'll be happy with the results.

"Once you get sold on MURPHY'S CONCENTRATES—beef, hog, poultry or dairy—you stay sold. I have. My customers have. Feed MURPHY'S. See for yourself."

YOUR MURPHY Dealer Is Ready To Help You:

Push hogs for the early market;
Fatten hogs faster—cheaper—on less corn.

You feed only 5 to 5½ bushels of corn plus MURPHY'S HOG CUT-COST to put 100 lbs. of pork on your hogs. Drive in and see your MURPHY dealer. He's ready to work for you.
(MURPHY'S HOG CUT-COST is available in either pellet or meal form.)

Ask your Murphy Dealer for FREE SAMPLES of MURPHY MINERALS

MURPHY PRODUCTS CO., BURLINGTON, WIS.

Ford Trucks Cost Less!

When you take *everything* into consideration, you'll agree it costs less to own a Ford Truck. Ford costs start low—Ford costs *stay* low!

You probably know that the factory-suggested list prices of Ford Trucks are scaled right down with the lowest. What you may not know is that dozens of Ford Truck models are priced *below all competitive makes!*

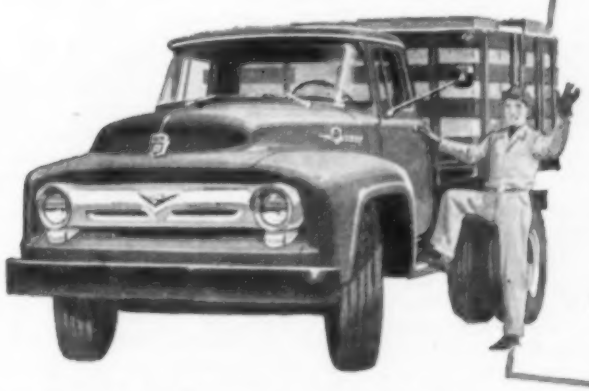
And Ford Truck costs are cut by *resale value.* It stays high—thanks to the big demand for used *Ford* Trucks.

Operating costs? Only Ford gives the oil and gas economy of a modern Short Stroke engine in *every* truck, V-8 or Six. Maintenance costs? Fords are built stronger for *proven* longer life!

Biggest capacity ½-ton Pickup! New 8' box on 118" wb., priced slightly higher than standard 6½-ft. model

No other truck at any price gives you all these Ford features!

- Only Ford gives you modern **Short Stroke power** in *every* engine in the line, V-8 or Six.
- Ford F-100 Pickup shown gives you the **biggest brakes** on any half-tonner. Longer lining life!
- No other Pickup gives you Ford's **centrifugal-design clutch** . . . for stronger engagement, longer life.
- The Ford Pickup's axles are engineered for **heavier loads** than any other half-tonner. Up to 400 lbs. more combined capacity!
- In heavy-duty models, Ford offers you a combination of long-life engine features found in no other line of trucks . . . such as **stress-relieved cylinder heads,** and **sodium-cooled exhaust valves** faced with tungsten-cobalt that run cooler, last up to five times longer.
- Only Ford Trucks give you the ***Driverized* Cab** for tops in comfort. Custom cab has *five inches* of **foam rubber** in the seat, plus *three inches* in the seat back.
- Only Ford gives you **Lifeguard steering wheel and safety door latches** standard in all cabs.



Widest range of Short Stroke power in the 2-ton field! New Ford F-600 gives choice of Short Stroke Six and three Short Stroke V-8's, to 168 h.p. Max. GVW 19,500 lbs.

FORD TRUCKS LAST LONGER

Using latest registration data on 10,502,351 trucks, life insurance experts prove Ford Trucks last longer.

Uni-Foragor demonstrating before a crowd at the Eldora, Iowa, Field Days. You can see other Uni-Farmor demonstrations at field days in Iowa soon. Look at the map below.

What's this Uni-Farmorama?

Come see what new farm machines can do for you

Have you ever seen a Minneapolis-Moline Uni-Tractor with mounted combine tear into a field of oats? It's something to watch. As you probably know, you can also mount a baler, windrower, forage harvester, husker, picker-sheller on this same Uni-Tractor.

Oddest experience with oats we've run into was that of a farmer in northern Iowa. He side-dressed his corn with nitrogen last summer, but the rains were too light to let the corn use it up.

His oats crop this spring got the benefit. You never saw such a tangle. And a good yield, if you could fight thru to harvest it.

To a lot of folks, the Uni-Tractor is a new idea in farm machinery. Like to see how it works? Then plan on coming to one of the field days Minneapolis-Moline is putting on. The map below shows places where the Uni-Farmorama will be held soon. Dates and towns are listed.

What is there to see? You'll want to watch the Uni-Tractor mount different implements—baler, windrower, forager, combine, husker, picker-sheller. Field demonstrations will be held where possible.

Bring the wife and kids along to the Minneapolis-Moline Uni-Farmorama. There's a variety show in the big tent, with singers, other music, comedy acts. And some fine door prizes.

If you don't live anywhere near the towns shown on the map, keep your eyes open for the next announcement. The Uni-Farmorama will move into other parts of the state later on. We'll tell you where and when. But in the meantime, it's worth a long drive to see what Minneapolis-Moline is showing. Look at the map and come along.—Minneapolis-Moline. (Advertisement)

Here are the towns and dates for the Uni-FARMORAMA show shown on the map above.

1. **New Sharon, July 18-19**
2. **Richland, July 21**
3. **Wapello, July 23**
4. **Atalissa, July 25-26**
5. **Eldridge, July 28**
6. **Clarence, July 30**
7. **Homestead, August 1-2**

Benson yields on wheat price

Secretary's advisers ask report on extra payment program for livestock

SECRETARY Benson finally gave in on the 1957 support price for wheat. After hinting that it should not be higher than about $1.80 next year, he yielded to pressure and set it at $2.00 per bushel.

This action is taken by some observers to mean that Benson, in all fairness, now can hardly avoid continuing midwest farmers on their corn support of $1.50 per bushel.

For some time past, there has been a feeling that the Secretary might prefer to set a lower corn price next year, in keeping with his flexible support theories. If he did so, prior to the referendum this fall on corn allotments, producers might then be tempted to vote for no acre limits in 1957.

In some circles, it is thought this outcome would not displease Benson at all. He is understood to be opposed to controls for corn, preferring instead to use soil bank program as the main adjustment device.

Production payments?

Around Washington, there also is speculation over the fact that Benson's agricultural advisory commission has asked him to re-explore the production payment plan. Under this plan, perishable products such as livestock would continue to sell without market supports but the producer would receive supplemental payments to bring his income to some agreed percentage of parity.

This request by the commission is regarded as a sign that despite Benson's opposition there is administration interest in the supplemental payment idea, possibly at the White House level.

However, early action is not anticipated, since it is understood Benson will not be asked to report until the commission meeting in December. By that time, hog prices might already be at their seasonal low.

More bins ordered

In this election year, the Department of Agriculture is not going to be caught short on storage space for loan corn. The Department has now called for bids on an additional 15 million bushel capacity, to go with the total of 100 million bushel bin space bought last spring. This brings about to one billion bushels the capacity of government-owned housing for grains. In addition, 77 million bushels of wheat are being held in 336 idle ships of the maritime reserve fleet.

Farmers who hold over 1954 or 1955 loan corn will be allowed 15 cents per bushel storage payment, same as last year. However, they will get the revised rate of 16 cents if they reseal 1953 corn and hold thru July 31, 1957.

There is a total of about 39 million bushels of 1953 corn, mostly in the midwest, still being held under resealing agreements. Of this total, a little more than 20 million bushels are in Iowa.

With respect to the soil bank program for wheat growers, Benson has set the acreage reserve payment rate at 60 percent of the price support level, that is, at $1.20 per bushel of normal yield established for the diverted wheat land.

This relatively large payment, however, will only apply to number of acres by which the farmer actually underplants his wheat acreage allotment. He may "bank" some land, without underplanting the allotment, but the payment in that case will average only about $10 per acre, nationally, and must be kept idle as a "conservation reserve" for at least three years. So far, the Department of Agriculture has not announced the conservation reserve regulations.

The regular ACP or "cost-sharing" program of soil conservation practices has now been announced for 1957. It will be little different from 1956.

As this was written, over 30 Iowa counties were waiting word from Washington on the question of grazing soil bank acres without forfeiting their payments. These counties had already been declared disaster areas by Governor Hoegh. Meanwhile, the Secretary has approved such emergency pasture utilization in Texas, Colorado, Kansas, Utah and New Mexico.

Wheat agreement

By a vote of 85 to 2, the Senate has ratified a three-year extension of the International Wheat Agreement thru July, 1959. The United States will supply about 44 percent of the total of 303 million bushels involved between the signatory exporting and importing nations. Assistant Secretary Marvin McLain of Iowa handled the agreement negotiations for the United States earlier this year.

"—and why should I be like him? . . . frittering away my time . . . making money."

Pick with the CHAMP!

Champion among champions—

MM UNI-HUSKOR

U. S. and Canadian champion two years in a row! This self-propelled MM Uni-Huskor gives you power steering, Uni-Matic hydraulic height control and the exclusive MM gathering-snapping husking advantages. The same powerful Uni-Tractor mounts the Uni-Forager, Uni-Windrower, Uni-Balor, Uni-Harvestor and Uni-Picker-Sheller. New conversion kit converts Uni-Huskor into Uni-Picker-Sheller.

The corn belt favorite—

MM 2-ROW HUSKOR

Proved by thousands of profit-wise corn farmers! This MM 2-row Huskor gives you a big-capacity husking bed with twelve 36-inch sectional metal and rubber husking rolls. A 2- to 3-plow tractor pulls and powers this 2-row Huskor—lets you pick up to 25 acres a day. A big-capacity 1-row Huskor is available.

1st

Winner and still champion

ALL AMERICAN
in '54 and '55

MM Uni-Huskors have won Canadian and United States corn picking championships two years in a row. Husk with the All-American!

MINNEAPOLIS-MOLINE MODERN MACHINERY

HUSKORS

MM MOUNTED HUSKOR

You get championship husking advantages in this compact 2-row Huskor built to mount right on your MM tractor! Two quick hook-ups mount Huskor on MM Z, U or 445 tractors.

MM BIG-CAPACITY SHELLERS

You just can't beat an MM Sheller for making quick, low-cost work out of big shelling jobs. Per-hour output of up to 500 bushels with the Model D, up to 1200 bushels with the Model E saves man-hours, fuel, and dollars you can count. MM's low-speed cylinder and steel-rod cage design gives unmatched shelling capacity. Thorough "rubbing" action handles snapped or husked corn without cracking or bruising kernels.

MM UNI-PICKER-SHELLER

Powered and propelled by the MM Uni-Tractor, the Uni-Picker-Sheller picks and shells corn with up to 30% moisture content, gets your crop early, before corn borers and wind damage can knock down yields.

MM UNI-HUSKORS TAKE 4th STRAIGHT CORN PICKING CHAMPIONSHIP

Four major corn picking contests—*four* championships in two years! This is the record chalked up by Minneapolis-Moline Uni-Huskors:

- **1954 INTERNATIONAL MECHANICAL CORN PICKING CONTEST—MM Uni-Huskors sweep 1st, 2nd and 3rd.**
- **1955 UNITED STATES 2-ROW CORN PICKING CONTEST—MM Uni-Huskor takes 1st place.**
- **1955 ALL-CANADA 2-ROW CORN PICKING CONTEST—MM Uni-Huskors place 1st and 2nd.**
- **1955 ALL-CANADA SELF-PROPELLED CORN PICKING CONTEST—MM Uni-Huskors sweep 1st, 2nd and 3rd.**

Ask your MM Dealer to show the real husking advantages that make MM Huskors the Champs. Find out why these champion performers can make your corn pay as no other pickers can!

MINNEAPOLIS-MOLINE
MINNEAPOLIS 1, MINNESOTA

MM is on the March!

"I used to HATE CHICKENS

HONEGGER POULTRY HOUSES
Shown at left is one of the controlled-ventilation poultry houses owned by the Schmidt Brothers. Iowa State College research has shown that proper housing can save a pound of feed per dozen eggs. This means an extra 4 to 5 cents per dozen eggs produced.

HONEGGER LEGHORNS
Proved in winning the 1954-55 Florida Random Sample Test, with a profit over feed and chick costs of $3.54 per net chick started, that scientific breeding really pays off. Shown at left is a Honegger trapnesting pen. Note that each hen has her own "license plate."

BIG "H" FEEDS
Are energy-packed, dust-free, palatable feeds. Formulated for maximum production and gains from your poultry and livestock. The results are in every bag of Big "H" Feed you buy.

"But the fact that I am making $4.32 per hen has changed my thinking entirely . . ."

Yes, a lot of good farmers have disliked the very sight of chickens. But like the Schmidt Brothers, shown above, they have found that the $3 to $4 net profit per hen they earn with a Honegger Egg Factory, has changed their thinking entirely.

The Schmidt Brothers, Forrest, Illinois, and many of your neighbors as well, are enthusiastic about the extra income they earn with a Honegger Egg Factory.

Big "H" Profit-making Livestock Feeds, Too

Honeggers' offer complete feeding programs for livestock, too. Walter Rockrohr, Maquoketa, Iowa really likes his low feed cost of 8.8¢ per pound of gain he got following the Big "H" Hog Feeding Program.

He comments: "It seems that when one's margin of profit is narrow like it is this year, these results prove that it sure pays to feed Honegger Feeds."

LET YOUR IOWA BIG "H" FEED DEALER OR HONEGGER ASSOCIATE HATCHERY PROVE TO YOU HOW A HONEGGER EGG FACTORY AND FEEDING PROGRAM CAN BOOST YOUR INCOME

FLASH —The Florida pen of Honegger Layers now leads the nation in the Standard Egg Laying Tests — **Buy Honegger Chix For Hi Net Earnings.**

HONEGGER Layers

HONEGGERS'

BIG "H" FEEDS

BREEDER HATCHERY, FORREST, ILL. • FEED AND MILLING DIVISION, FAIRBURY, ILL.

U.S.D.A.'s July 1 Crop Report shows prospects for . . .

More corn than '55; less feed grains

Corn crop looked generally good in July. But eventual yield depends on rainfall during next six weeks.

ONCE a month, during the summer, news reporters covering the Department of Agriculture in Washington stage a foot-race just 12 feet long.

Precisely at the moment the clock hits 3 p. m., each man grabs a downturned booklet from a long table and sprints like a tin-canned dog for a nearby row of phones. In nothing flat, the air is filled with rapid-fire reading from the booklet, mostly of figures.

An outsider seeing this performance for the first time is likely to ask "What are those fellows up to? Why the big rush?"

He would be told that he had just seen the official release of the government's monthly general crop report.

From early that morning, crop estimators have been behind locked and guarded doors, working over information from all parts of the country. Everybody having anything to do with the final judgment, even to the typists, must remain locked in until the moment of release.

When at last the report is ready, the head statistician takes copies to the press room, but always with a pistol-packing police escort. Why such precautions? To give all news outlets an even break and to prevent anybody from obtaining advance tips which might enable them to make a killing in the grain market.

When reporters lined up for their most recent crop-report sprint on July 10, there was an unusual amount of curiosity in the air, especially regarding corn.

In March, farmers had indicated that they would plant a national total of about 78.7 million acres to corn. But the outlook then was confused because of delay on the farm bill.

Here is what, actually, seems to have happened. According to the Department of Agriculture, the national corn acreage for harvest as of July 1 stood at about 77.6 million acres. This was only slightly below the March forecast and less than three percent under 1955.

So it is clear that the proportion of compliance with corn allotments apparently is down substantially from last year. The soil bank program came too late to influence corn plantings as much as might otherwise have been expected.

In Iowa, the area now estimated to be in corn for harvest—10.7 million acres—actually is about four percent above the March forecast and is only one percent under the 1955 figure. It should be noted, however, that allotment compliance in Iowa in 1955 stood at 51 percent, considerably above any other state.

Big news in the July 10 report was the government's estimate of yield per acre—42.1 bushels, national average—just short of the 1948 all-time record.

This forecast was somewhat surprising to people living in areas of low subsoil moisture. But it was readily admitted that on July 1, corn generally looked as if it had high yield potential, providing rains thereafter came with proper frequence.

If the July 1 yield estimate proves right, the United States next fall will harvest a little more corn than in 1955. For the Corn Belt, the increase will be about three percent; for Iowa, about four percent. Nebraska, in particular, is expected to have better yields than in 1955, possibly 80 percent better.

As expected, the small feed grain harvest will be down considerably from last year.

The Department of Agriculture thinks oats at 1,143.9 million bushels is off nearly 10 percent, barley down by 14 percent and rye off more than one-fourth.

A week earlier, a well-known private forecaster had the oats crop at a figure more than 200 million bushels higher. After the government's announcement, grain traders ran oats to a new seasonal high on the Chicago Board of Trade. As there has been considerable soil-bank clippings of oats since July 1, a further reduction in the oats estimate may be in order.

Government estimators lowered the wheat crop slightly, to reach a total of about 922.3 million bushels, a little under 1955 and about 20 percent under the 10-year average.

Soybean acreage is up from last year as expected. Up by 11.4 percent, says the Department.

In Iowa, the increase is sharper, about 18 percent from 1955 and 55 percent from the 10-year average. This is an all-time high and reflects the fact that compliance with allotments shifted much of the diverted corn land to beans.

Soybean production estimates, however, will not be out until August.

Sorghum acreage, contrary to some expectations, is down by nearly five percent from 1955. As with soybeans, the yield outlook has not yet been determined.

All in all, it appeared at July 1 that 1956 feed grain production, including corn, would be smaller, but not very much smaller than a year earlier. And this change would be partly offset by the larger feed grain carry-over on farms at mid-year.

On the other hand owing to the shortage of spring rainfall, pastures over much of the middle west until recently had been way below average. And hay production also is down, probably by five percent according to the Department of Agriculture.

Off to USDA

Little by little, Secretary Benson is staffing the Department of Agriculture with midwestern farmers. Dwight Meyer of Odebolt (left, above), Iowa ASC chairman for the past three years, is Benson's latest appointment. Meyer will head the corn, wheat and rice sections of the new Soil Bank Division. Max Soeth of Estherville (right), senior Iowa ASC committee member, is now acting chairman.

Editorials...

New Lab At Ames

MIDWEST FARMERS were gratified last week that a new animal disease research laboratory will be erected near Iowa State College at Ames.

Anyone in the livestock business is aware of the work that needs to be done, the questions that need to be answered.

But results can't come overnight. It will take a while to put up the $18,000,000 building. And to staff it with 400 workers. But let's hope that it will eventually pay off as well as the modest little building on Skunk river east of Ames where hog cholera vaccination was discovered nearly 50 years ago.

Thornton's Cure

"THE FARMER has a king size tummy ache and the cure for it is factual information," said Dan Thornton, former governor of Colorado at Chicago, July 10, upon opening farm headquarters for the Republican national committee.

One thousand farmers and ranchers will be recruited by Thornton to "give the facts" during the forthcoming presidential campaign.

In Place Of Hay

WHAT CAN farmers do about the hay shortage caused by dry spring weather?

Some farmers will cut corn for silage or fodder that they would normally leave for husking. Cornstalks left behind by the picker make fairly passable silage, too. But they should be wet down during the chopping process and enriched at feeding time with small daily allowance of shelled corn, some protein supplement and plenty of minerals.

Another way to get around the hay shortage, says Bob Garst of Coon Rapids, Iowa, is to feed cobs. Put thru a grinder with seven-sixteenths inch screen and properly supplemented, with minerals and molasses-urea, cobs compare favorably with hay.

But if you have in mind using cobs, you should fix up a dry storage place before the big shelling season comes.

Words In Stone

OVER the main U. S. Department of Agriculture Building at Washington, D. C., the following three inscriptions appear, chiseled in stone:

"The husbandman that laboreth must be the first partaker of the fruits—Saint Paul."

"No other human occupation opens so wide a field for the profitable and agreeable combination of labor with cultivated thought as agriculture—Lincoln."

"With reference either to individual or national welfare, agriculture is of primary importance—Washington."

Which one do you favor? Or, like us, maybe you think that they're all good. And that the officials who reside in the Department should occasionally look up at these inscriptions as they pass in and out the big doorway below.

Some Platform Ideas

WHEN they start chopping out their farm planks next month, the political parties are apt to have one pretty skeptical onlooker. He'll be the Corn Belt farmer who saw the bottom drop out of his livestock market last winter, in the midst of the country's greatest prosperity.

Of course, waiting until the parties have taken their stand before sounding off, is like locking the barn after the horse is stolen. The proper thing is to submit farm policy ideas to the platform writers while they are still at work.

What should farmers say to these fellows this year?

Anyone who has read the soil bank law with care must realize that it gets at only part of our problem.

If administered with energy and good judgment, it probably can be fairly effective in pulling our cropland into line with demand.

But it does not give sufficient leeway for the support of perishables, such as meat animals, dairy products and eggs. And altho it directs the Secretary of Agriculture to make certain studies, it does not actually provide some of the main tools for expanding consumption.

Midwesterners, therefore, would not be out of order to ask that presidential and congressional candidates endorse the following for inclusion in future legislation:

1. Further expansion of the school lunch program. Even with the 50 percent hike in funds this year, only about one-half of the nation's school children will be covered. The goal should be 100 percent coverage. Good noon-day lunches should be available to all pupils in the same way as books.

2. Revival of the food stamp program. Operations could be started almost at once with the 8,000,000 or 9,000,000 old folks and children now on relief and already certified as needy by local and state authorities. Altho it wouldn't be enough to solve our production adjustment problem, these folks could make quite a dent in our output of high-protein animal products. Then in addition there is that big block of 10 percent of the nation's families trying to get along on yearly incomes of $1,000 or less. They certainly could stand some upgrading of diet.

3. Extension of the production payment plan to cover hogs as well as wool. Producers would be given supplemental payments whenever hog prices fell below some agreed level, say $17 per hundred pounds at Chicago to start with. These payments would be particularly effective if limited to No. 1 hogs, not heavier than, say, 210 pounds on the average. This would hold down tonnage, reward quality and help hog income at the same time.

4. Establish a permanent national food reserve, comparable to the defense stockpile of industrial materials. Excepting in emergencies, the government would not reduce its holdings below the agreed levels. This would put at rest some of the fears among grain traders that large government supplies might be dumped at any time.

After all the chips have fallen, there will remain the problem of convincing farmers that the words mean what they seem to say.

The Republicans may have particular difficulty in this regard because they now have a record to defend and they also have Secretary Benson.

Here lately, Benson has shown considerable "give," but he still has a tendency not to act until pushed. This reluctance to act almost made "economic orphans" out of livestock farmers last winter, and they are not anxious to get in that position again.

—Art Thompson

Hail On The Corn

IS THERE any sight in nature so sickening to a farmer as seeing hail slash up a beautiful cornfield in July?

This month, as usual, dozens of Corn Belt farmers have been victims of hailstorms. Some had insurance against loss. Unfortunately, many did not.

For a time, such farmers were cheered by a rumor that soil bank payments could be made against any hailed out corn up to the disk-out limit permitted by the government contract.

Actually, this wasn't quite the case. A man got full credit only on certain acreage that he had previously pledged to destroy anyway. Those who offered corn land after the hail damage got payments based on the actual condition of the corn that remained. Or at least a minimum of $6 per acre.

A few farmers were shrewd enough initially to sign intentions to destroy the permissible limit, on chance that hail might hit. But most farmers did not. For them, hopes for a normal corn income must be put off another year.

To Promote Beans

ON ALL SOYBEANS sold after July 15, farmers will be asked to contribute 10 cents per 100 bushels to finance a market promotion and research program.

Use of the money will be directed by the newly-organized Soybean Council of America, representing both producer and processing interests. Howard L. Roach of Plainfield, Iowa, is president; George M. Strayer of Hudson, Iowa, executive secretary.

"Best part of the day." That's what farmers call the coffee break. And you can see it here on the faces of a grass silage crew at the Glenn Swedberg farm near Nora Springs, Floyd county, Iowa.

Odds and Ends . . .

. . . IOWA SHEEP producers on the average will receive a supplemental government payment of 19 cents per pound on their sales of 1955 wool.

. . . SOME of the steel companies didn't wait until the strike was settled before raising their prices. Increases have ranged from $5 to $16 per ton.

. . . U. S. CORPORATIONS in the first three months of 1956 were shorter on ready cash and government securities than they had been at any time since the early '40s. This situation was due mostly to heavy tax drains and to a $3 billion increase in unsold goods.

. . . A LARGE Iowa packing plant will soon start adding yellow color to lard. This action has been approved by the Iowa Department of Agriculture.

. . . REP. BEN JENSEN of Iowa and Sen. Karl Mundt of South Dakota have introduced bills in Congress to make it unlawful to sell any motor fuel not containing at least five percent alcohol manufactured from farm products.

. . . THE OFFICE of Defense Mobilization is still granting permits to industrial concerns for fast tax write-off on new construction costs. The eligible valuation of all permits granted since the program began in 1950 now stands at $22.1 billion.

. . . FARM PRICES are dropping in many countries of the world, owing to increased production, but undernourishment remains a problem in large areas. This is the finding of the Food and Agriculture Organization, affiliated with the United Nations.

. . . "WE DON'T know—the Bible does not tell us—all the details of Joseph's administration as Secretary of Agriculture for ancient Egypt . . . We can well imagine, however, that among Pharaoh's subjects there were many critics who denounced Joseph for piling up grain and complained bitterly of the storage charges he was paying."—Gov. Averell Harriman at Oxford, Iowa, June 30, 1956.

. . . DURING THE farm price slump last fall, Secretary of the Treasury Humphrey is reported to have frowned on goverment attempts to help agriculture, advising instead to await a solution by "natural processes." This view was expressed at a cabinet meeting on October 7, according to Robert J. Donovan, New York journalist, who was recently given access to the records of White House cabinet meetings.

Song of the Lazy Farmer

OUR STANDARD yearly argument 'bout where vacation should be spent has not become a knock-down fight because we're in a diff'rent plight. Our problem now is not just "where?", but how much can the budget bear? With prices down and costs so high and liquid assets almost dry, the smartest thing to do, perhaps, would be to fold up all our maps and recognize that it's a joke to talk vacation when we're broke. But even tho it's common sense to skip such frivolous expense, it's mighty hard to stay at home instead of packing up to roam.

And so Mirandy Jane and me for once in our whole lives agree that we should sell a cow or two and take off like we always do. Of course, we'll have to stretch each cent, we'll eat from cans and pitch a tent, but we can tour two weeks or three and look at mountains and the sea, our aching bones will get a rest, we'll get our troubles off our chest, our brains will get a chance to clear and we'll get back with lots more cheer. So even tho we have to scratch and give our clothes another patch, we figure we'll be miles ahead of tightwads who stay home instead.

When you need a new well

Contact reliable local driller
Reach agreement on charges
And HOPE you'll find water

MANY farm wells that withstood the dry years of the 30's have failed this year. Why?

Biggest reason is revealed by a glance at weather records, suggests Dr. H. G. Hershey, head of the Iowa State Geological Survey at Iowa City.

The Des Moines weather bureau, for example, has reported below normal rainfall in 20 out of the last 24 months —and in 27 out of the last 36 months. And in only a very few months was rainfall more than slightly above normal.

A similar condition has prevailed across most of southern Iowa and northern Missouri.

Most farm wells are supplied by surface water, Hershey explains. And those underground water supplies aren't replenished during periods of extended dry weather.

"Those wells should come back into production again when we get back into a normal rainfall situation," Hershey says.

There's also another reason why wells that never failed in the '30s are now going dry.

Compared to 20 years ago, most farmers are using more water—so long as the supply holds up.

Electric pumps, running water systems, etc., have made it easier to get the water where it's needed.

You don't count the gallons so closely as you did when every bucketful depended on a dozen strokes of the old pump handle.

But a promise of a full well after the rains come doesn't water the cattle now. And hauling water for livestock and household needs gets to be a tiresome and expensive chore.

A new and stronger well—if you could get it—would be a better answer.

By drilling deeper or by drilling in new locations, some farmers have found water. Others have been disappointed.

That's the big problem in drilling a new well. Nobody can see beneath the surface of the ground. And at best, there's some guesswork involved.

Sand and gravel deposits left in old creekbeds that were covered by glaciers usually provide a good supply of water, Hershey points out. Problem is to find them. They don't necessarily follow the present terrain.

Chances of finding water are best, Hershey says, if you have an understanding of the soil, rock and gravel formations beneath the surface of the soil.

That's why Hershey suggests that, in deciding on a new well location, you seek the advice of an experienced and reliable local well driller. Many of them keep records of existing wells in the area which serve as aids in developing new wells. They can make "educated guesses" as to what's under your farm.

What about "water witching"? Scientists, in general, discount that method of locating water. But as one farmer says: "You can't argue with succcess."

There are plenty of cases on record, however, in which "witching" failed to locate an underground water supply worth developing.

The State Geographical Survey has information from which possibilities of finding a dependable water supply on any farm can be estimated. However, a detailed study is required in answering any request of that nature. And Hershey says his staff is not large enough to handle very many such requests.

There's not much to be said in the way of "across the board" rules that'll help you find water.

"Every farm presents a different problem. And almost every well we drill is different," says a central Iowa well driller.

A southwestern Iowa well driller agrees with that comment. However, he explains that on some farms, he is fairly sure of finding water. While there are other farms on which he's fairly certain that he can't find a dependable supply of water.

"We try to give the farmer the benefit of our best judgment. If we don't think we can get water, we tell him so," the well driller says. "Then it's up to him as to whether we drill."

No well driller likes to drill a dry hole.

All of this is rather frustrating to the farmer who wants a new well. Water or no water, drilling is going to cost some money. And about all you can do is take the advice of a well driller.

That's why it's so important to contact a dependable well drilling contractor.

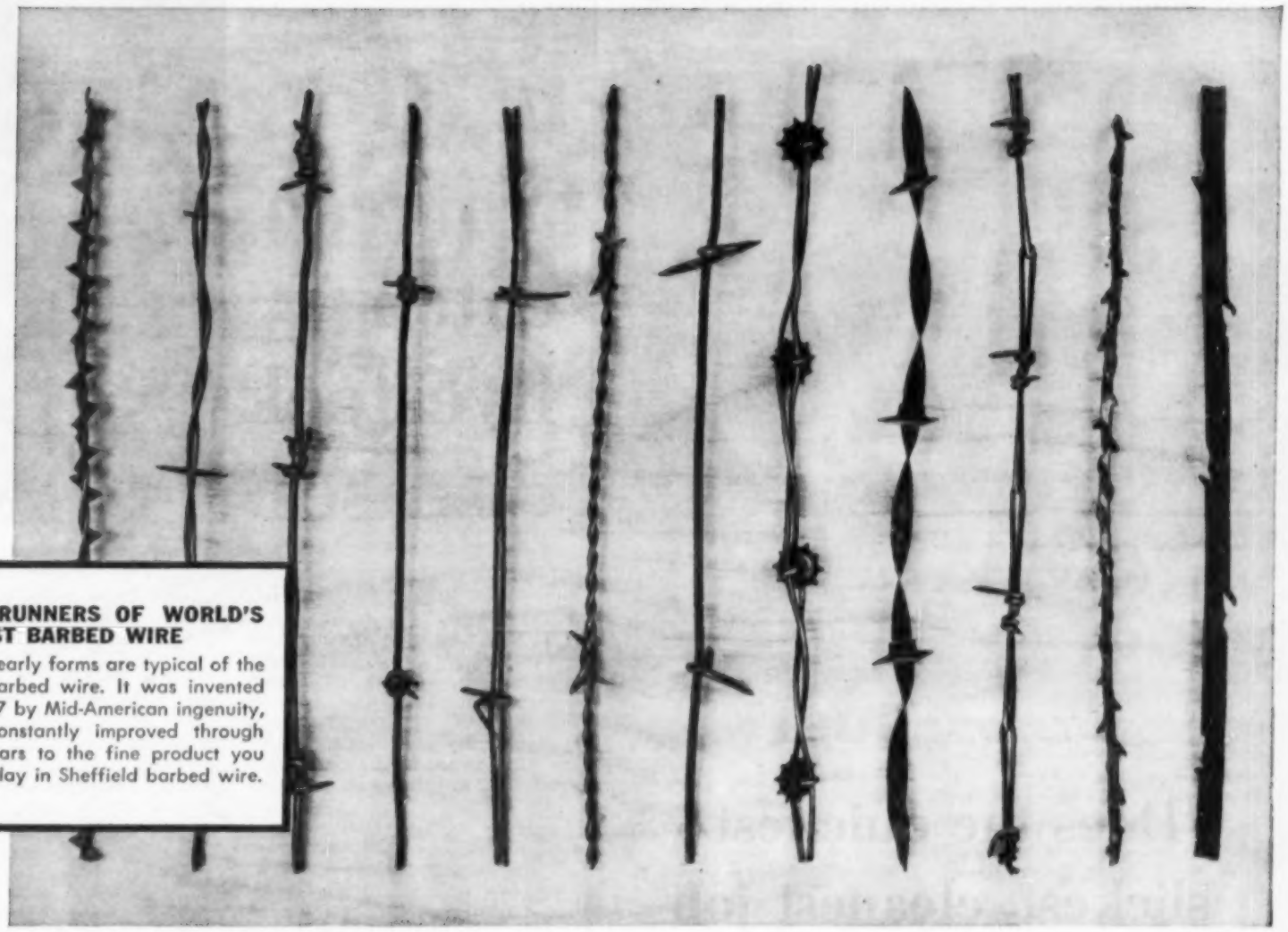
Don't be afraid to ask questions.

Be sure you understand the driller's method of charging. Inquire about the advisability of drilling a test hole.

It's a good idea, too, to check with some of the well driller's other customers. See if they were satisfied.

Once you've decided on a well driller, might as well take his advice. Lots of dry holes have been drilled in attempts to develop wells in convenient locations.

Test hole was being drilled 150 feet deep when this photo was made a few days ago on the Alva Miller farm in Page county, Iowa. Miller's wells provided adequate water during the dry 30's —but failed in June of this year.



FORERUNNERS OF WORLD'S FINEST BARBED WIRE

These early forms are typical of the first barbed wire. It was invented in 1867 by Mid-American ingenuity, and constantly improved through the years to the fine product you get today in Sheffield barbed wire.

BARBED WIRE..as Mid-American as apple pie

SHEFFIELD ARMCO FENCE

Barbed wire—if anything—is more Mid-American than apple pie. As the pioneers moved westward they found a scarcity of timber from which to hew out rail fences and of rocks with which to pile up stone fences.

So it was that barbed wire was invented in Iowa, where Iowans were having a peck of trouble confining their critters. As crude as it was, that first barbed wire did the job of convincing animals to stay put.

Last year other Iowans back from a tour behind the Iron Curtain reported that thousands of able bodied workers spend their full time herding livestock. Why? Because fences are practically non-existent.

In contrast to this, barbed wire in Midwest and Southwest has progressed through many stages of development toward perfection.

Today fence constructed of woven wire and barbed wire is the key tool in land management and livestock control in the Midwest and Southwest. All Sheffield fence is made of full-gauge, special-purpose, copper-bearing steel. It's shielded against rust and corrosion with a tightly bonded coat of zinc. And it's made by neighbors of yours, who have stood behind every one of the millions of rolls produced for the specific needs of the Midwest and Southwest. Don't gamble on barbed wire from an unproved source. Fence for the future with Sheffield. See your Sheffield dealer for all your fence needs.

SHEFFIELD STEEL
DIVISION
ARMCO STEEL CORPORATION
SHEFFIELD PLANTS: HOUSTON • KANSAS CITY • TULSA

Largest husking capacity of any mounted picker. Ten 40⅝ inch husking rolls give you clean corn. Caster wheels take weight of big husking unit off tractor's back.

Does the quickest, slickest, cleanest job of picking you ever saw

New Idea 2-row mounted picker has features that gave 1955 record of 17% less corn loss than all other pickers

Want to pick clean, husk clean? Then watch this 2-row mounted picker at work.

Farmers' choice. New Idea pickers are favored by farmers throughout the corn belt. For the simple reason that this and other New Idea pickers get more clean corn from the field. And you'll be interested in the proof.

17% less corn in the field. We say you just can't afford *not* to own a New Idea picker. Why? Because in 1955 picking contests, New Idea pickers left 17% less corn in the field than all other pickers. That's a lot of corn, worth a lot of profit. The 2-row mounted picker has all the features that helped to establish this record.

Fits most tractors. Remember, too, this mounted picker fits 30 different tractor models (including AC, Case, IHC, M-H, M-M, Oliver, Co-op, Cockshutt). Means higher trade-in value, because no other mounted picker fits so many tractors.

4 Controls from tractor seat. For safety's sake (and convenience, too) snapping roll spacing, raising and lowering snapping unit, ear deflector and wagon elevator are all controlled from the tractor seat.

Pickers of the Champions. One more interesting proof of the superiority of New Idea pickers. In 1955 picking contests, New Idea pickers won more contests than any other picker.

Ask your New Idea dealer for a demonstration soon. Or see it in his showroom. We have a folder with the complete details of the 2-row mounted picker that is yours free. Just use the coupon and it will reach you quickly.

Best idea yet . . . get a New Idea

NEW IDEA FARM EQUIPMENT CO., DIVISION AVCO DISTRIBUTING CORP.

Dept. 1890, Coldwater, Ohio

Please send me literature on

- ☐ 2-row mounted picker
- ☐ 2-row pull-type picker
- ☐ 1-row pull-type picker
- ☐ 1-row pull-type snapper
- ☐ 2-row mounted snapper

Name_____

Street_____

Town_____ State_____

You can contract a number of diseases from farm animals. See article below for pointers that may save you a doctor bill.

You can catch livestock diseases

Farm livestock have many diseases which can be transmitted to you

LIKE most people, you probably try to avoid people who have colds or the flu. But how many times have you exposed yourself to a sick animal—whose disease may be more contagious?

Here in the midwest the most common livestock diseases which are capable of infecting human beings are: brucellosis, leptospirosis, tuberculosis, erysipelas, rabies, anthrax, trichinosis, tularemia and many others.

Safety minded livestock handlers are conscious of these diseases. They take precautions to prevent becoming infected. Yet, many farm people contract these diseases each year.

Last year in Iowa, over 400 people contracted brucellosis. Dozens of adults and children were bitten by dogs. Many of them had to take the anti-rabies treatment.

Two farmers developed skin erysipelas from handling hogs. Ten people picked up trichinosis. Nine contracted tularemia. And many others possibly had these diseases which were not diagnosed by their physician.

The symptoms of these diseases vary considerably among different people. Therefore, it is difficult to describe symptoms. A physician should always be consulted. Always give your doctor a complete description of diseased animals and your contact with them. This helps the physician to make the diagnosis.

Here are suggestions if you have sick animals:

1. Isolate the sick animals from the healthy ones.
2. Obtain accurate diagnosis.
3. Take precautions to protect yourself in case the disease is transmissible to man.
4. Consult your physician if you suspect you have been exposed to animal disease which might infect you.

Livestock handlers should follow these common precautions to guard against picking up these diseases:

1. Keep healthy animals. Have your veterinarian check your herd frequently. Never handle diseased animals with bare hands. (Anthrax, brucellosis, leptospirosis, erysipelas, tularemia, ringworm and others.)

2. Wear rubber gloves when assisting at the birth of calves or pigs. (Brucellosis and leptospirosis.)

3. Provide a pasteurizer for the family milk supply.

4. Beware of strange acting skunks, civets, dogs, cats, and all fur bearing animals. (Rabies.)

5. Never eat uncooked pork. (Trichinosis.)

6. Do not swim in water frequented by animals. (Leptospirosis.)

7. Do not drink water from ponds, creeks or unapproved wells. (Tularemia and leptospirosis.)

8. Eliminate rats. (Tularemia and leptospirosis.)

9. Bury or burn all dead animals. (All diseases.)

10. Buy only inspected food. (Salmonellosis and others.)

If an animal gets sick, act quickly but carefully. Get an accurate diagnosis as soon as possible by your veterinarian.

If you get sick, see your family doctor. Then follow his treatment.—**Dr. John B. Herrick.**

Farm Safety Week, July 22-28

Each year, one week is designated National Farm Safety Week.

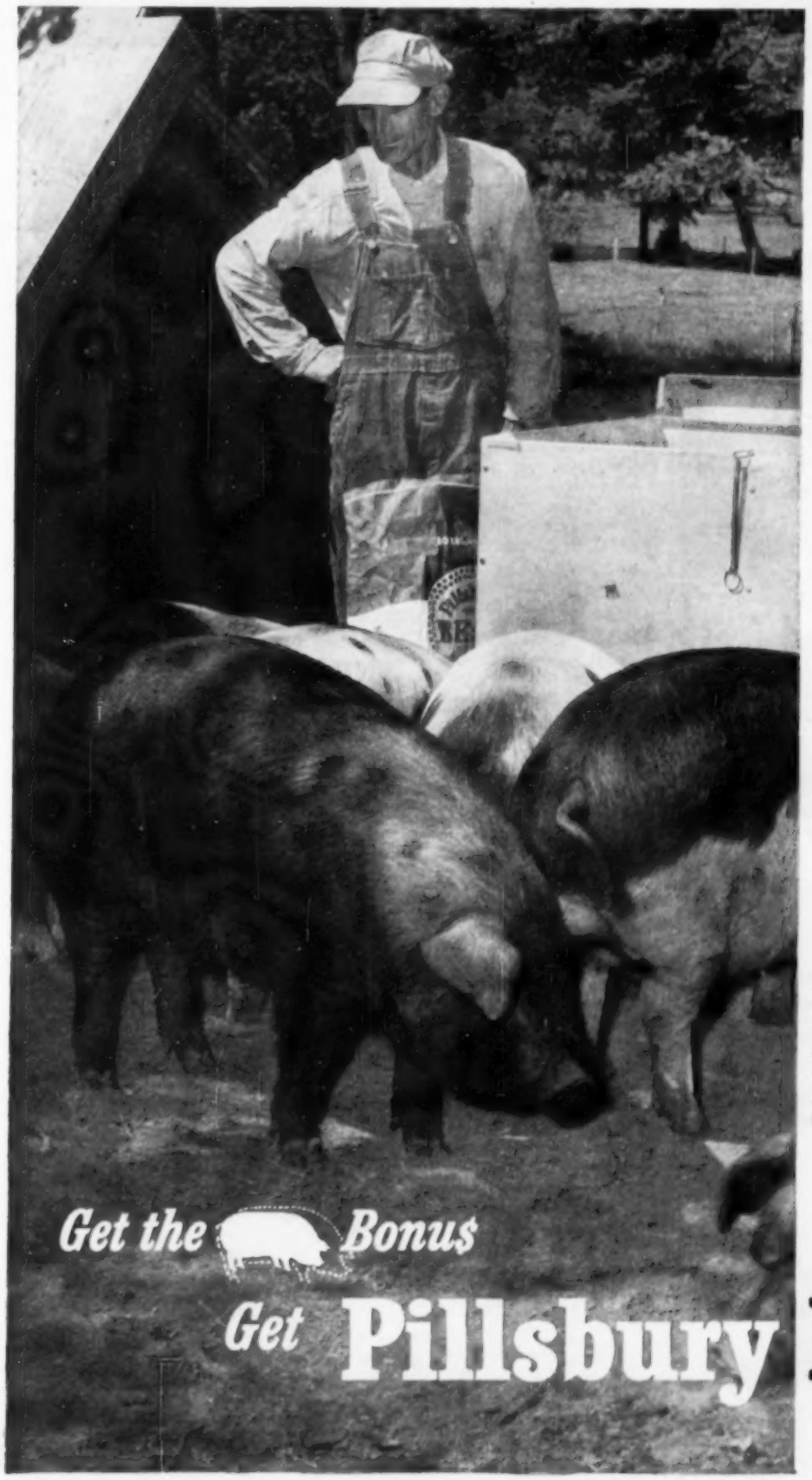
The purpose is to make you aware of hazards on your own farm and encourage all farm families to adopt a safety-minded attitude about farm life.

Farm families are happy families until one member is hurt in a farm accident. About 14,000 farm people are killed in accidents each year. And another 1,200,000 are seriously injured. These accidents on the farm cost about $1,500,000,000 a year.

Get in the habit of practicing safety all year. Train your family to work together for safety.

Speed growth–fight disease with *new* Pillsbury Maxi-Meal

Another Pillsbury Feed Bonu$



New growth factors added to help speed gains on less feed

This year you can give your growing hogs a new growth-power! Because Pillsbury has just released a new "HLP" formula Maxi-Meal hog concentrate with a new *balanced nutritive ratio* that releases extra energy for fast growth.

In this new Maxi-Meal, you get increased amounts of three sources of vital "unidentified growth factors." You get more milk product, 100% more fish solubles, fermentation products. Also an improved mineral balance, plus increased fortification of the B vitamin complex.

All added to Maxi-Meal to speed growth on less feed . . . a real help in cutting the cost of pork production.

New "HLP" feed formula helps guard hogs against diseases

New Maxi-Meal also offers you this great Pillsbury Bonus . . . safe, everyday protection against disease, and management stresses, too, all the way from weaning to market. This *high-level-protection* is built right into new "HLP" formula Maxi-Meal. Three-way protection . . .

1. **ARSANILIC ACID**—to fight scours and promote growth, especially in times of stress.
2. **MYCINS**—to help suppress infection.
3. **NUTRIZIN**—special Pillsbury formula to help prevent parakeratosis.

Pillsbury now adds this 3-way bonus protection to Maxi-Meal to help good hog managers get faster, cheaper gains, uniform marketing weights.

Feed new Maxi-Meal from weaning to market, on drylot or pasture

Dehydrated alfalfa meal adds extra amounts of vitamin A and other needed factors to make Maxi-Meal the ideal feed on drylot and declining, drying pastures. Delivers extra savings on good legume pasture, too . . . your pigs will eat up to ⅓ less Maxi-Meal. See your Pillsbury Feed Dealer for special pasture mixing instructions and switch now to Pillsbury's BEST Maxi-Meal.

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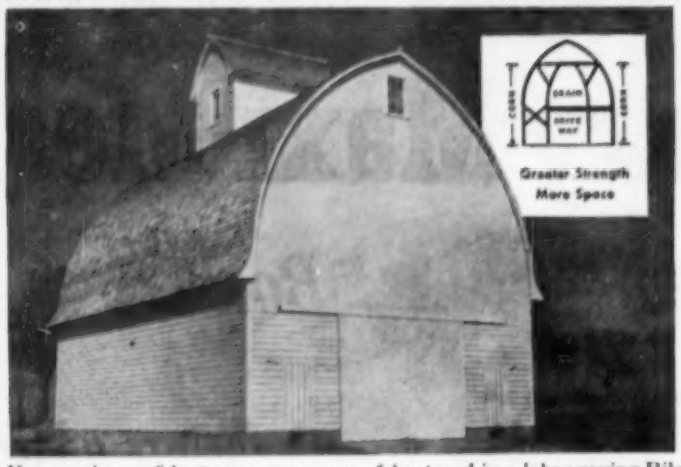

● You can be confident your crops are safely stored in a labor-saving Rilco Combination Corn Crib and Granary. It is ruggedly designed to withstand the severe pressures of stored corn and small grain. For example, studs and rafters are combined into one continuous member from foundation to roof ridge. Modern timber connectors furnished provide stronger joints.

All rafters and bracing are precision cut and drilled for fast, easy erection. Your attractive Rilco Crib is practically half built before you start!

Available in several standard crib and driveway widths to meet your particular storage requirements. Build with Rilco for convenient storage at lower storage cost per bushel. See your Rilco Lumber Dealer or write for details.

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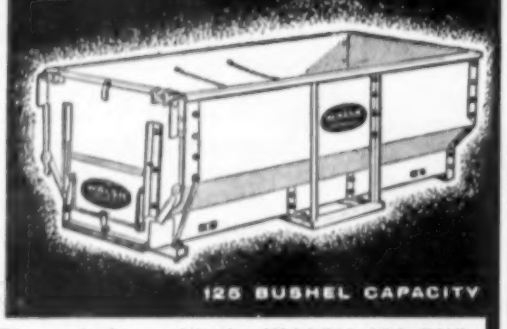

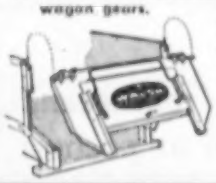

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It's Automatic!—More help than a hired hand and never gives you an argument! Watch for details!

Plans to go in soil bank, Melvin Lesher, Wright county, Iowa.

Are you in the soil bank?

Many farmers are still uncertain about benefits, duties under plan

ON July 3, the Wallace-Homestead Poll finished its survey of Iowa farm intentions about joining the soil bank. At that time farmers were crowding ASC offices to find out just what they had to do, what they could get. Rules as to pasturing soil bank acres in dry territory were still uncertain.

The question put to Iowa farm operators was this:

"Are you planning to get soil bank payments by disking up corn, clipping oats or using other methods to take some land out of production."

Here's the way the vote came out:

1. Yes (sign up)	28%
2. No (stay out)	56
3. Undecided	16

In dry counties of southern and western Iowa, one question was always raised:

"Can we use soil bank acres for pasture?"

Some have already pastured off oats. If drouth area regulations permit use of soil bank acres in this way, then these folks said they would sign up in a hurry.

Farmers who had already agreed to stay within their 1956 corn allotments were most likely to sign up for the soil bank. But in general, these folks were more interested in the $1.45 corn loan than in the soil bank payments.

Big farmers were more likely to sign up for the soil bank than smaller farmers. Here is the way the vote came out:

	30-179 Acres	180 Acres and up
1. Yes	25%	33%
2. No	59	52
3. Undecided	16	15

On the whole, however, farm size wasn't as important as weather. The dry counties were the best prospects.

Following are comments from farmers in different counties:

"Farmers need help, but I don't like this kind. I like to feel independent and don't want hand-outs unless things are awfully tough."—Harrison county.

"I need all the crops I can raise on a quarter. Don't see how I can cut down any."—O'Brien county.

"I don't believe in destroying stuff after it's planted. And I'm not sure the soil bank will do any good anyway."—Madison county.

"Last night I went to a meeting on the soil bank but I can't see that it will do a bit of good."—Dallas county.

"The soil bank is a fine program if it will keep land out of production for five years. The way it's working, I don't know."—Webster county.

"It came too late. We've done a lot of work in the fields now, and I can't decide what to do."—Lee county.

"This soil bank is just like the government—hurry up and wait. Benson acts like farmers can push a button and destroy crops after money is spent for seeds and fuel for farming."—Cherokee county.

"I'm staying out. I don't believe in these government handouts."—Mahaska county.

"This soil bank is about as silly as killing the little pigs."—Calhoun county.

"The big farmers benefit most from the soil bank. They can leave acres idle and still have plenty of farm land. A family farm needs every acre for crops."—Cherokee county.

"I've pastured off my oats. Now what happens if Benson doesn't let us count that in the soil bank? I wish I knew."—Wayne county.

"The soil bank, if it works right, could be the salvation of the young farmer this year."—Jackson county.

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Diseases you *can't even see* may be cutting into the dollar returns from *your* beef cattle.

These are called "sub-clinical" diseases. Even though animals show no signs of illness and look "normal", sub-clinical diseases can be present. When they *are*, your cattle can't do as well as they should. Their vigor is sapped. They use up too much feed fighting *invisible* diseases. Gains are not up to par.

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AUREOMYCIN, fed continuously at the recommended level, helps your cattle fight sub-clinical disease—gives them more vigor to withstand stress—lets them use their feed efficiently to make better gains—and improves their appearance and "bloom". You sell your cattle for greater dollar returns.

Where to get AUREOMYCIN. AUREOMYCIN is supplied to feed manufacturers and feed suppliers in the form of AUROFAC® Feed Supplements. Two new AUROFAC products—AUROFAC-A and AUROFAC-A Crumbles—are especially adapted to cattle feeding. Write for free booklet: "AUREOMYCIN for Cattle Feeding."

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Dist. by SHRIVER-VAN HORN, JEFFERSON, IOWA
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Pepsin-fortified ration pushed these 66 pigs to an average weight of 40 pounds at six weeks of age for Nels Fuglsang of Cass county, Iowa. Pigs were weaned at two to three weeks of age. Fuglsang was using an experimental ration supplied by a feed company.

Enzymes for baby pigs?

Here are answers to questions about the latest idea in baby pig feeding

ADDING an enzyme called pepsin to the ration helps baby pigs make better use of vegetable protein.

That Iowa State College discovery—reported last month by Wallaces' Farmer and Iowa Homestead — means that soybean oilmeal can be substituted for at least part of the higher-priced milk protein in good baby pig feeds.

It points the way to cheaper pre-starter and starter feeds for pigs, according to Dr. Damon Catron, head of swine nutrition work at the college.

Here are answers to questions concerning the new pig-feeding discovery:

What's an enzyme?

An enzyme is a complex organic substance that aids in digestion of food. Usually, it speeds up digestion.

There are many different enzymes. Some change starches to sugars. Others aid in converting proteins into amino acids. Still others help change fats to fatty acids. (All of these changes are necessary in digestion.)

What is pepsin?

Pepsin is a protein-splitting enzyme. That is: It breaks down protein so that the pig can make use of it.

Do pigs normally have pepsin in their digestive systems?

Yes. But not enough to break down vegetable proteins adequately until pigs are at least five weeks old. Adult pigs secrete pepsin as part of the gastric juice in the stomach. In fact the pepsin that's added to baby pig feeds is taken from the stomachs of healthy hogs slaughtered at packing plants.

What benefits will you get from feeding a baby pig ration to which pepsin has been added?

Iowa State College tests indicate that addition of pepsin will enable you to substitute soybean oilmeal for higher-priced milk protein in baby pig feeds. That should mean cheaper feed.

Some tests also have indicated that pepsin boosts growth and feed efficiency even when pigs are fed a high milk ration.

How much of the milk protein can be safely replaced if pepsin is added?

ISC "Pre-Starter 75" previously called for 40 percent dried skim milk. College tests now indicate that you can replace half of that skim milk with soybean oilmeal, pepsin and dried sweet whey as a source of milk sugar. And you can do it without sacrificing growth or feed efficiency.

How much will that cut the cost of baby pig feeds?

It means that ingredients for a good pre-starter feed should cost about 25 percent less than the old "Pre-Starter 75," according to Catron.

Prices of manufactured feeds containing pepsin have not been announced.

Is pepsin expensive?

Present cost is about $3.50 per pound. Recommendations call for about five pounds of pepsin per ton of feed.

At what age do pigs show greatest response as a result of adding pepsin to the ration?

The younger the pig, the greater the response. However, there appears to be little value in adding pepsin to the ration of pigs more than five weeks old. After that, pigs can supply enough of the enzyme themselves.

But suppose you don't wean pigs early. Will pepsin help pigs that are left on sows?

Yes. It helps them make better use of vegetable protein in starter feeds.

Whether pigs are weaned early or left on sows, they need a pre-starter when learning to eat—then a starter ration up to five weeks of age, says Catron.

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I realized that this farm was a fine example of the new farming industry when I saw Carl Levsen's grain handling and storage equipment. "We've been drying with our Behlen Grain Dryer since '53," he told me, "and have dried about 35,000 bu. of corn and small grains since then. Now we can harvest earlier and that cuts down on our field loss. And Behlen's fast drying rate gets moisture content down in a hurry for safe storage." He showed me that operating the Behlen Grain Dryer is an easy, one-man job. "We also have a Behlen Moisture Tester that we use while we're drying and to spot check moisture content during storage," Mr. Levsen adds.

"We've had Behlen Corn Cribs since 1949," Louis Levsen said. "And Behlen was the first to use galvanizing after welding," he added. Then he explained that steel bars over ¼" in diameter are welded into sturdy mesh panels. After all welding, the panels are galvanized with up to six times more anti-rust zinc coating. The whole crib is protected against rust, even the welded areas. Max asked me to look for rust spots. There were none. "There's years and years of corn storage left in those cribs," Max says.

ALEX DREIER reports on how one farm "industrializes" to produce profits today!

Alex Dreier, NBC News Commentator, *heard weekdays on Shelly Oil Co. News Broadcast and on the network show, "Man On The Go."*

You hear a lot today about the "revolution" in farming. This change seems to include not only farming practices but also general farm management. So I went to Iowa to find out about one farm family's success with their "revolution," in the form of *industrialization.*

Carl Levsen & Sons farm 700 acres near Clarence, Iowa. Carl, age 69 and semi-retired, heads the "family corporation" that includes Louis, 36, Max, 34, and Edward, 31. This year they have 250 acres in corn, 210 acres in soybeans, 200 acres in oats and 20 acres in hay.

"I've been farming since 1913," Levsen told me, "but the last few years have proved that we not only have to improve our crop yields to make money. We've got to have good equipment to handle those crops and cut our operating costs. We have to market higher grade products. And we have to cut working time on chores so we can get more jobs done. We call it industrialization."

Carl and his sons showed me around their farm. It was interesting to notice the part that the products of one farm equipment manufacturer played in the operation of the Levsens' profitable farm.

The all-Behlen storage arrangement on the Levsen farm is unique. "We combined bins and building for a compact, easy-to-work storage set-up," Carl explains. "We have 22,000 bu. of corn in the building and push-button grain handling does all the work." Behlen Frameless Metal Buildings are deep corrugated, heavy gauge metal. This forms sturdy, rigid frame arches and eliminates bulky columns. All floor space is unobstructed. The Levsens are using eight Behlen Grain Bins now. Their total bin capacity is 25,000 bu. They're storing 12,800 bu. of corn, 6,400 bu. of beans and 6,400 bu. of oats. "We have seven more of the 3,200-bu. Behlen Bins here, but haven't put them up yet," Edward told me. "This double-seal door keeps weather out and it's double-sectioned so we can unload fast," he adds. All Behlen Grain Bins are made of heavy gauge galvanized steel for greatest strength.

"Try tractor power steering and see how easy it is," Edward says. "Sure takes the beating out of tractor-driving over rough ground. Guess you can call it automation on the farm," he adds. I found that Farmall's power steering, using a Behlen hydraulic power unit, lets me steer with one finger. This Behlen unit is factory installed on Farmall "300" and "400" Tractors. And it's available in Behlen Powr-Steer for many other makes and models of tractors.

Write Mr. Dreier today. He'll be happy to see that you receive information about any of these Behlen products. Just fill in this coupon.

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Visits With Your Vet

If Your Sows Lose Pigs

Sows that "slip" their pigs are not always infected with brucellosis. Still it's wise to have such sows blood tested for brucellosis.

Other possible causes of abortion or still births include swine flu, and leptospirosis.

When Cattle Die On Pasture

If you find cattle dead in your pasture, it will pay you to find the exact cause.

Often, because of the temperature and the time passed since death, a post mortem to find cause of death just isn't feasible. It's best to check cattle often. And if you find an animal dead, call your veterinarian at once.

Just a few weeks ago, six cattle were found dead in a western Iowa pasture. The owner thought lightning had killed them. Within 24 hours, two more had died. Diagnosis pointed to blackleg.

Blackleg can kill cattle in a very short time. Other fast-acting diseases are malignant edema, anthrax, and red water disease.

Lightning does kill many cattle each year. Often, it's impossible to tell for sure that lightning was the cause. Some symptoms that do point to lightning are singed hair, superficial burns, and signs of instant death such as grass held in the incisor teeth.

In one pasture, six cows died because they had been licking and chewing old storage batteries that had been thrown into a pasture ditch. Paint buckets and any other container that may hold even small amounts of lead should be discarded where cattle can't get at them.

Bloat can kill cattle on pasture, especially legume pasture. But often cattle may die of infections, then bloat after death. So a bloated dead cow doesn't always mean that bloat killed her.

Cattle should be checked frequently when they're on pasture. Any sick or off-feed animals should be isolated and examined. If you find one dead, have it checked at once to find the exact cause of death. Then the carcass should be buried or sent to a rendering plant at once.

"I don't know what's come over me. I was all ready to milk when I realized I had forgotten the pail."

Iowa M.D.'s Say...

Here's how to avoid heat exhaustion

NOW that summer is here, you are probably trying to "beat the heat" whenever you can.

Of course, you can't keep cool and refreshed all the time. But you should be extremely careful when doing hard physical labor in the hot sun or in a stuffy building. Such work might bring on heat exhaustion.

In general, three conditions are necessary to cause heat exhaustion. They are high temperature, high humidity, and little or no circulation.

Heat exhaustion usually happens rather suddenly. But it may be preceded by warning signals. Ordinarily, there is a gradual feeling of weakness of muscles and of thinking processes. The individual usually appears drowsy.

Muscle cramps frequently appear as a sign of impending heat exhaustion.

A person may faint, followed by pallor, sweating, vomiting, fast pulse, stupor or semi-consciousness, shallow breathing and low blood pressure (weak and fluttery pulse).

If emergency treatment for heat exhaustion is necessary, apply a cool, wet cloth to the patient. Fanning will also help. Loosen the patient's clothing, and give a mild stimulant, such as coffee or tea, as soon as he is able to swallow.

A doctor should be called immediately so that he can give medical care and advice on treatment.

The farmer who has to do most of his work in the hot sun can usually prevent both muscular cramping and heat exhaustion by increasing his intake of fluids and salt.

Salt tablets will replace the salt lost by excessive perspiration and will cut down fainting, nausea and muscle cramps.

Here are other suggestions which will help prevent heat exhaustion, as well as make hot weather living more enjoyable:

1. Wear loose, airy clothing.
2. Eat light, low-calory meals during the heat of the day.
3. Take an occasional work break and rest.
4. Cool off each day by swimming, bathing, or spending an hour or two in a cool room.

Articles in this series are presented by the Health Education Committee of the Iowa State Medical Society.

LAST YEAR was the worst year on record for scrapie, a skin disease of sheep. A total of 25 infected flocks were found in 10 states. However, reports the American Veterinary Medical Association, all known infected flocks have been disposed of. All flocks even remotely exposed are under official surveillance.

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At 125 pounds, you can reduce the amount of Super "40" to only half a pound a day.

All the way from 75 pounds to selling weight of 200-225 pounds, GOOCH'S BEST Super "40" speeds growth and conditions your hogs for market by providing the growth boosting advantages of Aureomycin and Terramycin at fully effective levels, plus vitamins and minerals. The balanced proteins in Super "40" help build meaty animals without excess fat—the kind that grade higher. But most important—it GETS 'EM TO MARKET EARLY!

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Good pasture is a big help in holding down feed costs, but it does not take the place of supplement. Use all three—Grain, Pasture and GOOCH'S BEST Super "40" for faster, more profitable gains on your hogs!

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GOOCH'S BEST

Big changes in haymaking

Trend toward grass silage indicated at Corn Belt Farm Family Field Days

Modern methods of forage handling were seen by thousands at the First Farm Family Field Days at Eldora in Hardin county, Iowa, last month.

"ALMOST every machine and piece of equipment here was unheard of 10 years ago."

That was the remark of one farmer as he watched the forage handling operations at the Corn Belt Farm Family Field Days in Hardin county, Iowa, last month.

It's true that the hay chopper, self-unloading wagon, portable silo, one-man baler and hay crusher have come into use since the war. They've revolutionized forage handling. And more changes are coming.

The trend will be toward making more grass crops into silage, according to the interest shown by farmers at the field days.

A portable silo being filled with chopped alfalfa and oats held a crowd all of the time.

The portable silo was built in sections, tied together at the ground with steel rods. A plastic sheet covered the wood sections to insure airtight walls.

This type of silo can be permanently located on a floor. Or it can be moved each year to make feeding handy.

Farmers were equally interested in seeing field choppers and self-unloading wagons in operation.

Field choppers are of three general types. They take the grass from a standing position or from windrows.

One type of chopper is the flywheel type. Knives are attached at the side of the flywheel which also serves as a fan to blow the material into the wagon pulled behind.

Then there is the lawn-mower type cutter. A reel works against a cutter bar. With this type, the blower is separate.

Farmers watched the sharpening operation with this type. It's done while the machine is idling with a special sharpener.

Another type field cutter uses the hammer-mill principle. The hammers or knives cut the crop off at the ground, and throw it directly into the wagon behind. On some models, however, a separate blower is used to make possible a finer cut of the material in the cylinder.

New self-unloading wagons seemed to appeal to farmers probably because no forking at all was necessary.

Of course, most of the clover and alfalfa in the Corn Belt is still made into hay. And there are plenty of new things in that line.

Baling is now a simple operation compared to the time when one man had to feed the baler and two more were required to tie the bales with wire.

Only one man is needed now, and bales can be tied with twine. And there has been progress ahead of the baler.

Hay crushing machines are now made which cut down the time required to cure the hay. This is often a saving in feed. Weather risk is cut down.

The hay crushing machine farmers saw at the Field Days had corrugated rollers.

Stems are broken every inch or two. Or big stems are crushed and split. The operation allows stems to dry as fast as leaves.

Field Day visitors also saw a combination mower and swather which drops the swath in the middle of the cut. And modern side-delivery rakes, much more efficient than older models.

Forage-making is still one of the hard jobs on the farm that has to be done in hot weather. But it's much easier than in the days of pitchforks, hayloaders and dust filled haymows.

That's one thing the new machines have accomplished. Another is the saving of waste thru new machines. Now hay can be put up more rapidly when weather threatens. And the silage method almost removes risk of weather spoilage.

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SCHOOLS

BARNS AND OTHER BUILDINGS

Martin-Senour's "3000" House Paint—Outside White
Real protection combined with lasting beauty for Farm Buildings, Summer Cottages, Fences and Garages. Covers most surfaces in one coat.

$4.49 Per Gallon (in Fives)

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STANDARD GLASS AND PAINT CO.

Tops for Tightness...

MASTER-CRAFTED BY
COLUMBIAN
SINCE 1893

For safer, better storage of your grain, it pays to get the famous Columbian Red Top Steel Bin . . . the tightest, strongest bin ever made. For 1956 crops, Columbian, makers of the original steel bin, have master-crafted a Red Top bin that's the best in our 63 years history. Improvements include a new weather-proof, quick-opening hinged manhole and a handy, sturdy steel roof ladder to the cap.

Only with an absolutely tight bin can you get efficient use of fumigants or efficient use of aeration* and drying equipment. Columbian Red Top Bins are sealed tighter because . . .

- ★ Sidewall sheets and roof plates precision made to fit.
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- ★ Sealing strips for all laps and seams of side walls.
- ★ Neoprene washers, self-sealing, steel backed, for all bolts.

Other Columbian features include asphalt snow barrier around roof cap . . . 10-inch auger opening, slide gate and chute adjustable to any height. Big, 28-inch scoop box is extra and optional equipment.

Available in 500, 1,000, 1,350 bu. capacities. Also heavier AAA Corrugated Bins, 1,000 to 3,300 bu. capacity.

See your Columbian Dealer for Red Top Bins and other famous Columbian farm products... Red Bottom stock tanks and hog waterers... Automat Hog Feeders . . . Red End well casing and Red Top Corn Cribs.

FREE—Write for 12-page booklet showing exclusive farm-tested Red Top features. Also 37-picture instruction sheet showing superior construction and ease of erection. * Write for information on Columbian aeration equipment for grain conditioning.

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P.O. Box 1-4048 Kansas City, Mo.
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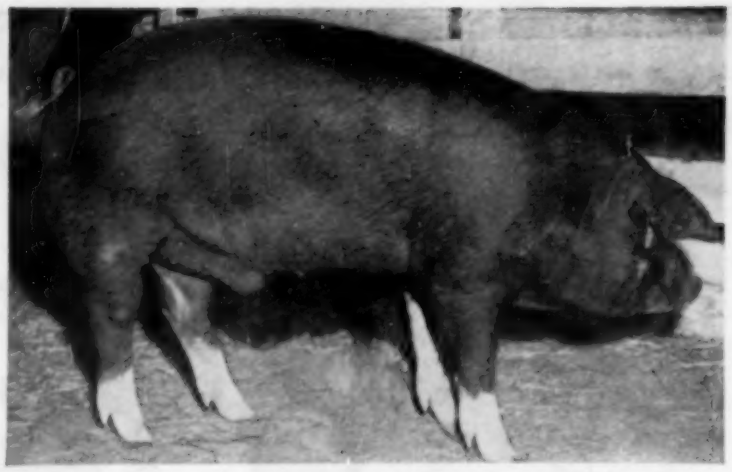
Coming August 1....

"4x4"

THE AUTOMATIC PIG

It's Automatic!—Makes every ear of corn you raise look 6 inches longer! Watch for details!

●Let the advertisements in Wallaces' Farmer and Iowa Homestead form your buying directory. If the articles you wish to purchase are not advertised in this paper, we will be glad to give you the names of reliable firms from which you can make your purchases.



Carcass test proved this hog to be meat type. Value of meat cuts proved that he was worth 61 cents per 100 pounds more than other hogs in his class.

How pick meat type hogs?

Look for muscling, says packer official, and select for ham with greatest volume

You may get some help in selecting meat type hogs from this article. Author is Carroll Plager, of the Hormel Packing Company hog department. Plager is also superintendent of the National Barrow Show to be held in Austin, Minn., September 11-14.

"HOW can you be sure," I'm often asked, "that a meaty-looking hog is the real thing?"

The awful truth is that you can't be positive. There are indicators, to be sure, just as there are indicators that certain dairy cows will be high producers. But the indicators can be inaccurate.

That's why we need cow testing, boar testing, production registry, and the proof of meat hog certification.

Consistent pedigree records of large litters, fast gains and carcass excellence offer the strongest possible meat hog assurance that I know of.

You can't tell a thing about litter size just by looking at a pig. You need the word of the owner or the printed record.

You can't tell the age of a 200-pound pig by looking at him. I've known some experts in this field, but they're all dead now.

But there are some indicators that have helped me and others to identify meat hogs.

Beware of these things: Extra padding along the side of the shoulder, at the elbow; fullness along the underline and rear flank; baggy hams, counter-sunk tails, or a loin edge that breaks at a sharp right angle or protrudes beyond the side. All are indicators of too much fat.

More deceptive indicators are jowl size, over-all width and apparent firmness.

I've seen thin hogs with heavy jowls and fat hogs with trim jowls. Over-all width can mean anything from heavy muscling and little fat to light muscling and gobs of fat. You have to look further.

And that apparent firmness can be really tricky. A well-proportioned, active, smoothly finished hog will fool you with provoking regularity. A loose-framed, awkward hog, on the other hand, is seldom as fat as he appears.

Look for muscling as an indicator of a meat type hog.

You'll find it in hogs with a well-sprung rib, a full loin and ham, and on hogs with both fore and hind legs well spaced.

Such a hog walks with confidence—his shoulder and ham muscles flex in a distinct manner. The good loin-eye muscles are found in carcasses from hogs having a natural loin edge turn.

The average hog is too short. A longer side makes a better carcass and may increase litter size.

But a 200-pound gilt with a 31-inch side will farrow all the pigs she can nurse. And length beyond this point frequently introduces short-comings that cancel gains from length.

The only length measurements that count are side and rump. I know of no reason for long nose, neck or tail. Yet those points and depth of side often create an optical illusion.

The deep sided hog is longer than he looks and vice versa.

Ham appraisal is important. Its rating should be on total volume—not width, depth or fullness alone.

Plumpness and depth thru the crotch help identify the meat type, but total volume of ham is influenced more by length and width of rump.

A medium length shank is preferred. There's not enough room for meat on a real short leg. And the long shank and skimpy ham have been going together steady for a long time.

Of course, very few hogs have all of the good or all of the bad features. They come in all degrees and combinations. That's why I can't tell you how to pick them by looks and be sure.

Exclusive **MYZON** *Formula in Drinking Water Helps*

STOP HOT WEATHER LAYING SLUMPS

When Birds Are Off-Feed from the Heat or Due to Blue Comb, Colds from Chronic Respiratory Disease

NO FASTER RESULTS SO EASILY--CONTAINS AMAZING DISCOVERY RQ14

GOES IN DRINKING WATER YOU DON'T CHANGE FEED!

Sick Birds that won't Eat . . . Now Drink their Way to Faster Recovery

Like humans, most birds stop eating when sick and feverish-looking, but they don't stop drinking; they usually drink more. That is why MYZON'S exclusive antibiotic and vitamin formula is so effective when mixed into drinking water. Sick birds drink and drink, quickly getting lots of antibiotics and vitamins to fight these diseases, to help strengthen them and hurry them back to better health and higher egg production.

GOES TO WORK IN MINUTES

(Diagram showing how MYZON fortified water by-passes the feed in the crop, stomach and gizzard . . . and goes direct to the intestines in minutes)

Research scientists believe that MYZON'S ingredients go to work in the system in **minutes!** The reason is simple! Yes, because MYZON POULTRY BUILDER is carried by the drinking water (rather than the feed), most of it by-passes the feed in the crop, stomach and gizzard to **go directly** into the intestinal tract where it is absorbed and promptly carried to all parts of the body. MYZON promotes improved **egg production.** MYZON'S exclusive formula works in the digestive system to help ward off the diseases listed above, and help build sturdier birds. MYZON battles infection in the respiratory tract . . . works its wonders in tissues and vital organs.

COSTS ONLY PENNIES A BIRD

Because MYZON POULTRY BUILDER is such a highly concentrated formula, a little bit goes a long way, and only a few pennies' worth will care for a bird for a whole month. Even when used in extra strong doses to help get these seriously sick birds quickly back to better health, the full treatment still costs only pennies.

Tests Show MYZON Formula Knocks Out Blue Comb Within Forty-eight Hours!

Blue Comb need no longer be the poultry raiser's terror. Not when you use MYZON'S scientific formulation found NOWHERE ELSE. Don't wait! Give MYZON treatment quickly, as soon as the first birds show these signs—off-feed, listless, droopy, stiff walk, dark comb, lowered tail-feathers. Wide-spectrum antibiotic and wonder-working vitamins in MYZON POULTRY BUILDER go to work fast in drinking water. Within 24 hours you'll see decided improvement. After a second 24 hours, you can expect Blue Comb to be so completely licked that birds will show amazing pep. Even after bad attacks of Blue Comb, birds often come back into substantial production long before dreamed possible. Accept no substitute. Get MYZON POULTRY BUILDER today!

Exclusive Formula Developed After Science Reports . . . "Antibiotics Alone Not Enough!"

Wonderful as antibiotics are in overcoming disease, other factors are needed to help rebuild health and MYZON provides these potent ingredients. This means faster recovery after diseases are licked, accounts for better health, growth and egg production that add up to extra profits. From MYZON fortified drinking water your birds get the ingredients necessary to promote better appetite and disease resistance; to hurry the production of red blood cells; to help prevent Rickets, thin shelled eggs; to improve feathering; to get you better egg production when there are vitamin deficiencies. Exact amounts of ALL ingredients are shown plainly on the MYZON label. You don't have to wonder about getting FULL amounts of these expensive elements. WISE BUYERS READ LABELS, THEN CALL FOR MYZON!

GET BIRDS BACK IN PRODUCTION QUICK AS "1-2-3"

Here's your chance to sidestep these costly laying slumps that often attack hens during HOT and CHANGEABLE weather. Blue Comb kills. At best, it often stops hens from laying for a long time. Hot weather may get birds off-feed, drops egg production till it hurts. Colds due to Chronic Respiratory Disease wreck egg profits. NOT when you use MYZON! Birds that were sick, off-feed, come back faster. Healthier birds, their disease-fighting powers boosted with MYZON, can keep up higher production right through hot weather. Used regularly in drinking water, MYZON POULTRY BUILDER helps prevent these diseases that may be causing laying slumps and vitamin deficiencies. These laying slumps cost many dollars even though you may never note WHICH birds are sick or inactive. Best of all, MYZON costs so little! For the cost of about one egg a month per hen, you can avoid these disastrous laying slumps. Ask your dealer for MYZON today!

LET SCIENCE HELP YOU!

You successful poultry raisers don't make profits just because of luck—you plan it that way, taking advantage of all that modern science offers to keep birds healthier, and at top egg production. Yes, avoid the profit-wrecking ravages of Blue Comb, and such ruinous conditions caused by lack of those antibiotic disease fighters and vitamins which MYZON POULTRY BUILDER now makes it so easy and economical to use. Get MYZON today!

AT LAST IT CAN BE TOLD

Research science developed amazing sulfa drugs for treating Coccidiosis and methods for controlling Pullorum . . . then turned its attention toward LAYING SLUMPS that occur when birds are off-feed with coughing due to Chronic Respiratory Disease, Blue Comb, Rickets. The result: A sensational combination of ingredients—RQ14—now found in MYZON POULTRY BUILDER, and **nowhere else.** Poultry raisers who often have had to take heart-breaking egg-losses from these LAYING SLUMPS will find MYZON in drinking water now helps STOP THESE LAYING SLUMPS FASTER! In fact, there's nothing so easy to use that works faster! Tests (under normal farm conditions) prove MYZON POULTRY BUILDER does everything promised! Get MYZON TODAY! At dealers everywhere!

READ WHAT THESE THRILLED USERS SAY:

STOPS HOT WEATHER LAYING SLUMP IN 7 DAYS

"Last summer during the hot weather my laying flock of 500 hens dropped from 400 eggs a day down to about 125 eggs a day. Within 2 days after I started putting Poultry Builder in their drinking water they were back on feed. By the end of the week I was getting over 400 eggs a day again."—

Frank G. Guske,
Atlantic, Iowa

NO BLUE COMB ALL THROUGH THE HOT WEATHER

"We started using Myzon Poultry Builder last winter. We had 130 Leghorns that dropped from 116 eggs a day to 16 a day. Then we started using Myzon Poultry Builder and within 10 days our egg production came back to normal. We had no Blue Comb and our egg production was maintained on the level mentioned all thru the hot weather of the past summer."

Eldon Rock, Grand Mound, Iowa

ABOUT 85% PRODUCTION WITH MYZON

"Our laying flock of 500 birds went into a slump due to colds and we tried many things to bring them out with no results. We purchased Myzon Poultry Builder and in approximately 10 days we were getting production of about 85 percent. This was an increase of about 75 percent."

Mrs. Leonard Naylor,
Dana, Iowa

These reported experiences of laying slumps due to birds going off feed with Colds, Sniffling from Chronic Respiratory Disease, Non-Specific Enteritis (Blue Comb) and occurring in hot weather are just a few of the many reports of the marvelous results with MYZON. Although individual experience may vary, you must be 100 percent satisfied with your very first package or money back.

Get

MYZON

Poultry Builder

At Your Nearest Dealer Today

MYZON SWINE BUILDER HELPS STOP PIG SETBACKS

Due to Scours, Necro, Shipping Fever, Nutritional Anemia, Fights Bacterial Pneumonia

GOES IN DRINKING WATER—YOU DON'T CHANGE FEED

SPEEDS UP BACKWARD HOGS

GETS PIGS "GOING AGAIN—GAINING AGAIN"

Just released from the laboratory after many months of patient testing, this great new scientific triumph not only helps STOP INFECTIOUS SCOURS, NECRO, faster, but, even more important, it gives the strength and resistance to help keep Scours from coming back. Best of all, MYZON SWINE BUILDER helps keep pigs gaining fast. Instead of losing weight because of these diseases, pigs recover quicker and gain weight faster!

MYZON SWINE BUILDER comes to you in a highly concentrated form. Water-dispersible — you simply put it in drinking water. That's all the directions needed. When sick and feverish, most pigs stop eating, but they actually drink MORE — quickly getting lots of MYZON'S exclusive high-potency formula right to the stomach and intestines, right to the cause of the trouble—to take charge of these disease germs and to help keep pigs gaining weight. NOW FOR THE FIRST TIME, A LOW-COST WAY TO SPEED UP BACKWARD OLDER HOGS, TO KEEP EVEN SICK PIGS EATING AND GAINING WEIGHT. Get MYZON SWINE BUILDER from your dealer today! Keep on hand ready for emergencies.

READ WHAT AMAZED USERS SAY ABOUT MYZON SWINE BUILDERS

Scours Stopped in Two Days

"My pigs weighed about 30 lbs. and had scours. I fed Myzon Swine Builder for four days. The scours seemed to be stopped at the end of two days. At the end of the four day period these pigs were eating good and healthy again. Myzon not only stopped the scours but it got these pigs eating and gaining more again in short order."

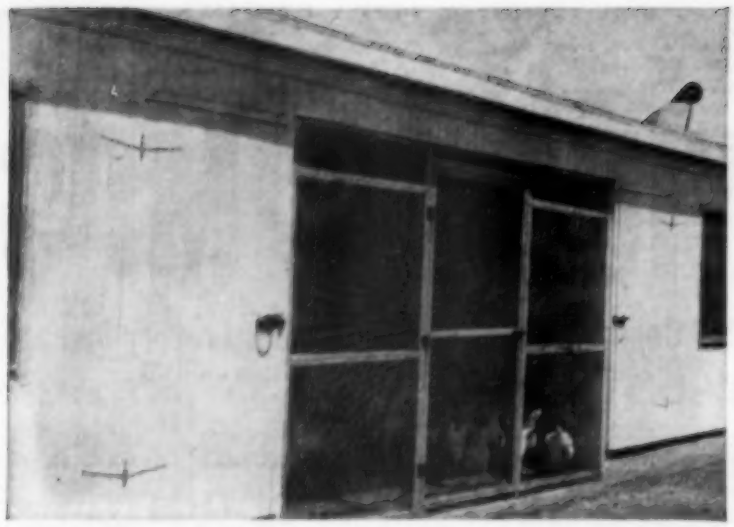
Harry Mayer, Humboldt, Nebraska

No More Signs of Scours, Thanks to Swine Builder

"In regard to your Swine Builder, I had scours in my pigs. I went and got Swine Builder and it sure did a wonderful job, no more signs of Scours thanks to Swine Builder. I highly recommend Swine Builder."

A. E. Duit, Iowa Falls, Iowa

MYZON, INC., Dept. 69, 3129 W. 47th Street, CHICAGO 32, ILLINOIS



Scratch pen between two 18 by 30 foot laying houses helps cool hens on the Charles Swans farm in Henry county, Iowa. One pen of layers uses the scratch pen in the mornings and the other pen in the afternoon. Hens like the scratch pen in the winter too. Screened doors provide plenty of ventilation.

Keep layers cool in hot weather

Egg production will stay up if you can keep your hens comfortable on hot days

HIGH temperatures in the laying house cost you money. Hens won't eat if it's too hot. So egg production drops as temperature goes up.

If the temperature gets above 80 degrees, egg production falls off. And egg size and shell quality suffer. Above 100 degrees, you can expect further drops in production. And you may lose some hens from heat exhaustion.

The hens can't do anything about the weather. So it's up to you. You have to try to keep the hens as comfortable as possible.

Remember a hen's comfort zone is within two feet of the laying house floor. And chickens can't sweat and cool themselves by evaporation from the skin.

Try to get as much air into the laying house as possible. Air movement thru a laying house helps hold the temperature down.

Open all windows and doors. Air coming in from all four sides of the house is best. On extremely hot days, it may pay to make additional openings. Or turn the hens out of the house.

Insulation in the laying house walls and ceiling helps hold temperature down. Forced air ventilation also helps.

The purpose of a fan in a laying house is to circulate air to prevent heat from building up. Temporary fans can sometimes be used to good advantage in the windows of the laying house. Try to pull the air from the top of the house where the hot air is concentrated.

A ventilating fan should have a capacity of 1.4 cubic feet per minute for each pound of chicken. For 500 layers, a fan having a capacity of around 3,000 cubic feet per minute should give good results.

Sometimes it isn't possible to give your birds the kind of ventilation you would like. Marlow Woodbury, Union county, So. Dak., admits that this is his trouble. He houses his layers on the first and second floors of a remodeled barn. He opens all windows and doors, but he feels that a fan would keep hens cooler.

Mrs. Leone Brochers, Plymouth county, Iowa, keeps her 425 layers confined in a converted hog house. Cross ventilation does a good job of holding the temperature down in the laying house.

Shading the area around the laying house will help keep layers cool. This can be done with temporary shades.

On extremely hot days, spraying the laying house roof with water may prevent death losses. In emergencies, you may want to sprinkle the hens with water. The air movement thru the house will help cool them as the water evaporates.

Painting the roof with aluminum paint will cause heat rays to be reflected as they hit the roof. And help hold down the temperature inside the house.

Cool water probably does more to keep layers cool than anything else. But hens may refuse to drink the water if extra warm.

"Water is always important to hens, but doubly important in hot weather," says Mrs. Charles H. Knapp, Calhoun county, Iowa. She provides plenty of watering space the year around.

Chickens normally drink about two pounds of water for each pound of feed they eat. But during hot weather, this may go up to four pounds.

Delbert Walters of Calhoun county, Iowa, provides more waterers than is usually recom-

(Continued on next page)

Les Meredith now gets extra protection with DEEP ROCK Motor Oils...at no extra cost!

He uses Deep Rock *SPECIAL* and Air Race HD — the *only* motor oils backed by the $1,000,000 ENGIN·SURANCE Bond — in his farm machines.

With up to 1,000 head of cattle to be fed on his 450 acre farm at Elburn, Ill., Leslie Meredith is interested in ways to help him reduce his risks and protect his investment.

That's why Meredith Farms have been dealing with Feece Oil Co., Batavia, Ill., since 1931, when Leroy Feece joined Deep Rock. Les Meredith has confidence in Mr. Feece and the fine Deep Rock product he sells.

Now that the performance of Deep Rock Special and Air Race HD is guaranteed by the $1,000,000 ENGIN·SURANCE Bond, Les Meredith has a new reason for using these superior motor oils. And he pays *nothing extra* for this valuable protection!

TAKE A TIP FROM LES MEREDITH. If you have not yet discovered the advantages of the $1,000,000 ENGIN·SURANCE Program, contact your nearest Deep Rock Man.

"Sounds good to me," says Les Meredith (right) as Leroy Feece's son, Dale, explains what the Deep Rock ENGIN·SURANCE Program means to Meredith's two trucks, four tractors and '55 Chevrolet. Feece holds dip-stick tag used to identify vehicles included in Program. In Meredith's hand is the ENGIN·SURANCE Warranty, backed by a $1,000,000 Bond, covering truck.

The STOP... that keeps you GOING — DEEP ROCK

DEEP ROCK DIVISION
Kerr-McGee Oil Industries, Inc., Oklahoma City, Oklahoma

Keep hens eating

(Continued from last page)

mended. He feels that layers not only want plenty of fresh cool water, but they want it handy. Hens won't walk very far on a hot day to get a drink of water.

The major reason egg production drops in hot weather is that hens won't eat enough feed to shell out the maximum number of eggs.

Feed consumption is an important item in the Walters laying flock. He cuts down on corn during the hot summer months. He feeds a 20 percent protein mash containing 200 milligrams of antibiotics. He says, "This feed peps up egg production."

Mrs. Brochers feeds her layers condensed buttermilk three times a week. She feels that this milk product is a good appetizer and keeps up feed consumption.

Be careful using drugs in drinking water on hot days. Chickens may double their water consumption in hot weather and may get too much of the medication.—A. W. Ranniger.

Protect Tractor From Dust

Dust is your tractor's chief enemy during the summer months, says R. I. Shawl, University of Illinois tractor specialist.

Even though work is lighter during the hot months than during spring, you should pay as much attention to maintenance now as you do during the rest of the year.

Check the oil in the air cleaner every day under dusty conditions.

Spark plugs need to be cleaned and reset every 150 hours of use. Inspect them for cracks and burns, and replace if necessary.

Shawl says it is a good practice to check valve clearance at least twice a year. Also inspect the roto-caps on the valves to see that none are sticking.

A monthly compression test will help to prevent waste of fuel and loss of power. Unevenness of engine turnover during starting indicates loss of compression.

Use Enough Weed Spray?

Don't skimp on spray solution when spraying weeds. Use enough to contact all weed growth. Usually, that means you should apply at least 10 gallons of spray mixture per acre.

That advice comes from O. C. Lee, weed control specialist at Purdue University.

Most field sprayers using standard nozzles should be operated at 35 pounds of pressure and driven four miles per hour to apply the proper amount of spray, Lee suggests.

The amount of spray applied can be varied by changing nozzle tips. Or by changing the rate of speed at which sprayer is operated.

MORE "TAKE-HOME" PAY . . .
SHORTER HOURS in the FIELD

Pick Your Corn with a BIG-CAPACITY, DEPENDABLE JOHN DEERE Picker

IT'S the extras in John Deere Mounted Corn Pickers that add up to more "take-home" pay every day in the field. Extra capacity, extra dependability, and a host of easy-operation features mean extra bushels . . . faster harvests.

Tremendous capacity in the roomy gatherers . . . aggressive snapping rolls . . . extra-long rubber husking rolls . . . and powerful cleaning fan account for more clean corn in your wagons.

Rugged row-unit frames . . . enclosed gear drives . . . high-grade bearings . . . slip clutches . . . and many other outstanding features keep you on the job with lower upkeep costs.

Snapping rolls adjustable from the tractor seat . . . high lift of the gatherers . . . excellent visibility . . . and faster, easier, one-man attaching and detaching speed your work.

John Deere Mounted Pickers are available in one- and two-row models for economical picking on every corn acreage.

See your John Deere dealer. Mail coupon today for free descriptive literature.

The tremendous capacity and rugged dependability of John Deere Pickers speed harvests and cut costs. The No. 227 Two-Row is top choice for larger acreages, custom operators, and seed-corn growers.

•

Fast, easy, one-man attaching and detaching . . . high lift of the gatherers . . . and excellent visibility for the operator are other outstanding features of John Deere Mounted Pickers. The big-capacity No. 127 One-Row, at left, is ideal for smaller growers.

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JOHN DEERE

QUALITY FARM EQUIPMENT SINCE 1837

Beat the Cost-Price Squeeze!

BASED ON STATE EXPERIMENT STATION TESTS... **each $1 properly invested in**

LION AMMONIUM NITRATE

will return an average increased yield worth $2 to $4 on forage crops

Other average returns: $3 to $5 on cotton; $3 to $4 on wheat; $3 to $4 on corn; $2 to $4 on small grains

Whether you take your profit from forage crops in increased production of beef or milk, here's the way to beat the cost-price squeeze! Extensive tests made by State Experiment Stations and agricultural colleges across the nation bear out the fact that each dollar properly invested in Lion Ammonium Nitrate brings the average results shown above. These results are based on the application of the amount of nitrogen per acre recommended by State Experiment Stations to soil having sufficient phosphorus and potash.

Your dollar, invested in the proper commercial fertilizers, including yield-increasing Lion Ammonium Nitrate, can pay remarkable dividends. Actual costs and gains will depend upon variable factors, *but Lion Ammonium Nitrate, properly used, invariably pays more than it costs.*

Yes, the answer to the cost-price squeeze is to grow *more* on *less* land—through the intelligent use of fertilizers.

Lion Ammonium Nitrate is a superior fertilizer containing *two types* of nitrogen—quick-acting nitrate nitrogen to get growth started fast, and longer-lasting ammonia nitrogen to insure continued growth. For pre-planting, side-dressing or top-dressing with solid nitrogen, insist on Lion Ammonium Nitrate. Get more for your money. See your favorite fertilizer supplier for your requirements.

A SOIL TEST *is the first step toward the intelligent use of money-making plant foods. See your county agent, vo-ag teacher, or soil conservation leader for advice and assistance.*

LION AMMONIUM NITRATE FERTILIZER is guaranteed to contain 33.5% nitrogen. Special conditioning gives the rounded pellets increased resistance to caking during shipment or in storage. This fertilizer flows freely, spreads evenly. Its uniform high quality is guaranteed.

Lion . . . the Largest Manufacturer of Prilled Ammonium Nitrate Fertilizer in the World, also produces Sulphate of Ammonia Fertilizer and Anhydrous Ammonia.

* * *

GROW MORE . . . MORE PROFITABLY WITH MONSANTO FARM CHEMICALS

Weed-Brush Killers, Insecticides, Medo-Green® Silage Preservative and Phosphates.

LION OIL COMPANY

A DIVISION OF MONSANTO CHEMICAL COMPANY

EL DORADO, ARKANSAS

DISTRICT SALES OFFICES: LION OIL BUILDING, El Dorado, Ark. • INSURANCE EXCHANGE BUILDING, Des Moines, Ia. NATIONAL BANK OF COMMERCE BUILDING, New Orleans, La. • 1401 BUILDING, Atlanta, Ga.

Voice of the Farm

Says Negroes Are Human

To the Editor: The Negro is a human being, just like those that have white skin. Why not let him enjoy his constitutional rights? After all, that is what our boys (black and white) have been fighting and dying for.

As for inter-marriage, that is the couple's own business and no one else's. There probably are Negroes who dislike just as intensely the appearance of a white baby in a Negro family.—Mrs Donald Schmeling, Clay county, Iowa.

"Let's Not Go Too Far"

To the Editor: . . . In some of the larger cities thruout the country, Negroes are pushing whites out of some sections of the cities. Let's not have this happen on our farms.

I do, however, agree that the Negroes are humans, the same as we whites. And have their place in the world as well. But let's not go too far with it . . . .

Did you ever read in the Bible where it approved mixing races? And would you approve of living in a Negro settlement?—L. T., Scott county, Illinois.

Points To Bible History

To the Editor: One should not make claims about God or the Bible unless he knows what he is talking about. If it is a sin to mix with Negroes, why did God create all men of one flesh? The Bible shows that all mankind sprang from Adam. And Bible history shows that Adam and Eve were mulattoes—a mixture of black, white, red and yellow. These color variations are traced thru genealogy.

If one does not know why Negroes are dark-skinned, it is because he does not study the Bible.

Moses married an Ethiopian, a member of the dark-skinned race. God certainly did not frown on this union.

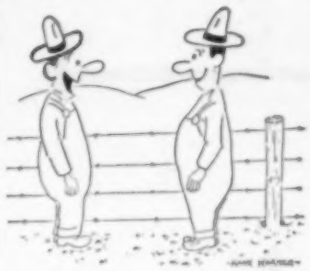
We know, too, that all those living today are descendants of Noah's three sons. It was also thru these three sons that the colored races came to be.

So it might be good to study a little more. And to consider things further before condemning a blood brother.—Clifford Nicola, Keokuk county, Iowa.

Says All Benefit From Controls

To the Editor: It is a little aggravating to see half of the farmers riding along on a good market, made by controls accepted by the other half. And then the cooperators get blamed for the surplus.

The only way you can convince the non-cooperators is to let them go back to supply and demand. They will be the first ones to holler.—Earl Rames, Union county, South Dakota.



"I solved my mother-in-law problem. Every time she came, I'd put her to milking."

Farm Program Too Late

To the Editor: Well, we finally got a farm program. If it hadn't been for a group of vote-hungry politicians, we might have had a decent farm program three or four months ago.

My landlady wanted to seal her share of the corn at the $1.50 rate. In order to do this, we had to hold our corn acres down to 53. Now! Three weeks after all planting operations are completed, our supposedly good legislators in Washington tell me I could have planted 62 acres of corn and still been able to seal at the high rate. What earthly good is this program to us?

If those people responsible for this too-late, bungled-up farm program will come out and see me. I'm sure they'll hear comments which won't be eligible for print in a fine farm publication such as Wallaces' Farmer and Iowa Homestead.—Harley H. Huisman, Hamilton county, Iowa.

Wants Better Mail Service

To the Editor: There are several patrons in a radius of a mile or so who have to go to the Orchard, Iowa, post office for mail—a distance of one and one-fourth to two miles. . . . On this certain route are a few women who live alone.

Hope all will back the move for better rural postal service. Let's . . . vote for the man that will give us better rural postal service.—Mrs. Mary Ann Haberkarn, Mitchell county, Iowa.

A Letter To Renters

To the Editor: This is in answer to "Farm Rent Too High." . . . Why does a renter think he should have all this machinery. We didn't. We started on an 80 with four children in their teens. Then on to a 200-acre farm. Then to 320 acres . . . . Now we have our own 200 acres—trying to pay for it. And with the Lord's help, we will make it. We rented for seven years. Only been farming 11 years.

Renters should live on what they have—not what they are going to have, or might have.

Let a renter think of what a landowner has tied up in his piece of land, payment plus taxes and interest, legume seed, fences, well repair, hinges and nails, paint and brushes, also fertilizer.

Idleness still is the devil's workshop—even in 1956. So don't feel sorry for yourself. No one else does. . . .—Mrs. Lillian Olson, Woodbury county, Iowa.

"BIG LABOR SAVINGS WITH QUONSET® GRAIN DRYING SYSTEM"

Says Ernest Ham, Saronville, Nebraska

Quonset 32' x 36' Drying System on the Ernest Ham farm near Saronville, Nebraska

Last year it took only two men to harvest and store the corn crop on Ernest Ham's farm near Saronville. In 1954, before he owned a Quonset Grain Drying System, it took five men to do the job. Mr. Ham says, "The big thing that sold me on the new Quonset Grain Drying System was labor savings. Corn combines and picker-shellers are coming into their own around here and the Quonset Grain Drying System is just what we've needed to go with them. Now it takes only two men a few weeks to pick, shell, dry, and store the corn. In 1954 it took five men months to harvest and store the corn. I once hauled corn 12 miles to be dried. Now it's done right on the farm."

With his Quonset Grain Drying System, Ernest Ham effectively dried his high moisture "combine" corn from 20 to 13½ percent moisture for safe storage. Electricity cost to dry one bushel of corn is just one cent, according to Mr. Ham's experience.

Why else would Mr. Ham praise his Quonset Grain Drying System? For one thing, extremely low maintenance costs. And simple in-storage cooling to maintain top quality grain condition. This means Ernest Ham can store safely and sell when he's ready for highest market prices.

"If the corn takes on moisture later," continues Mr. Ham, "I just start the multiple fan units cooling my corn for safe storage. You can bet I sleep better knowing I simply push a button to cool the corn instead of shovelling it into another bin."

There's a Quonset Grain Storage and Drying System to meet the crop and climate requirements of your farm. For additional advantages see your nearest Quonset dealer or send the handy coupon.

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CEDAR RAPIDS: **Cedar Rapids Steel Buildings Company**, Highway 30 West and Edgewood Road, P.O. Box 1207. Phone: 3-9835
DAVENPORT: **Building Products Company**, 403 South Howell Street. Phone: 3-5708
DES MOINES: **Western Steel Corporation**, 317 East Court Avenue. Phone: 8-1908
FORT DODGE: **Northwest Steel Corporation**, 22 South 6th Street. Phone: 4-0061
GRUNDY CENTER: **Dale Fink Steel Construction Co.**, 507 "J" Street. Phone: 284-W
INDEPENDENCE: **Lockhart Steel Building Co.**, 314 West Main Street. Phone: 134
MASON CITY: **North Iowa Steel Co.**, 1415 South Federal Ave. Phone: 343
OSKALOOSA: **Garden Construction Company**, P.O. Box 225. Phone: Orchard 3-7579
SIOUX CITY: **Steel Structures, Inc.**, North Riverside. Phone: 3-2282
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Cloud seeding?

by Dave Bryant

Generator used in seeding clouds is pictured here. Also in the picture are, from the left: George Yaple, Page county, Iowa; R. H. Shaw, Iowa State College climatologist, and Gil Roberts, meteorologist with a cloud-seeding firm. Roberts explains that coke, impregnated with silver iodide, is placed in hopper at the top of the generator. The coke then is augered into a small furnace. And silver iodide vapors from the burning coke rise upward into clouds.

Why is it that only

United-Hagie

will give me a

yield guarantee?

Actual Photograph

taken on the

Eugene Helebusch Farm

on June 21, 1956

Corn shown is UNITED-HAGIE'S UH55 variety

Can't yet be sure as to results of "rain making"

HOW much credit goes to the cloud seeders?

That's a red hot question following rains in the five general areas of Iowa in which cloud seeders—often called "rain makers"—have been operating.

Those areas got rains in late June and early July—a few days after most of the cloud seeding operations were started. But so did most other areas of the western Corn Belt.

Question is: Did the seeded areas get more rain than they normally would have received?

And it'll be months—maybe years—before that question is fully and accurately answered, says R. H. Shaw, climatologist at Iowa State College.

Evaluation of cloud seeding is a complicated and time-consuming job, Shaw explains. And he should know. He helped prepare a report on cloud seeding which was submitted to President Eisenhower earlier this year by a special advisory committee on weather control.

Accurate evaluation depends on establishing rainfall relationships between seeded areas and check areas over a period of several years, Shaw explains.

Rainfall differences during one storm —or a dozen storms—don't mean much, Shaw points out. Because rainfall may normally vary from one locality to another.

So observation over a period of time—maybe during 200 to 300 storms—is necessary to determine whether or not cloud seeding actually increases the over-all amount of rainfall.

Have cloud seeding studies of this nature been made? Yes, but not in the Corn Belt.

The advisory committee's report shows that cloud seeding increased rainfall from nine to 17 percent in five out of six projects on the Pacific coast.

Those projects were in mountainous areas. And results might not be the same in the relatively level Corn Belt states, Shaw points out.

Actually, cloud seeding is based on proven scientific principles. Probably it can increase rainfall under certain conditions in Iowa. But scientists lack proof.

By a year from now, however, the experts should know a lot more about cloud seeding under Iowa conditions.

In several areas, cloud seeders have been hired on a 12-month basis. That's different from previous Iowa cloud seeding experiments which lasted for only a few weeks—sometimes less.

One advantage that many farmers have seen in the 12-month contract is the possibility of increasing rainfall during the spring and fall—to build soil moisture reserves.

In the meantime, lots of folks will be watching the areas in which cloud seeding operations are in progress. They include:

Northwest Iowa—Cloud seeding operations are underway in at least eight Iowa counties—Clay, Dickinson, Palo Alto, O'Brien, Cherokee, Plymouth, Woodbury and Monona—and in Union county, South Dakota. At least 10 other counties in the area were in the process of organizing to employ cloud seeders early this month.

Southwest Iowa—Farmers in six Iowa counties—Page, Fremont, Taylor, Mills, Montgomery and Adams—and two Missouri counties—Atchinson and Nodaway—formed the Iamo Weather Corporation and employed a cloud seeding firm. Other counties in southeastern Nebraska as well as in Iowa have asked to be included in the project.

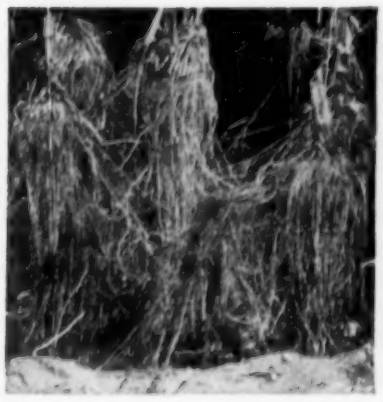
Other projects—Cloud seeding operations also have been established in Jefferson county, Iowa, and Clarke county, Iowa, as well as in Greene county, Iowa, and adjacent townships.

The cloud seeding projects are financed by contributions. Most farmers have been asked to give five or six cents per acre.

Because only United-Hagie seed corn has these 4 keys to greater yield

Planter Plate Graded — "You can't pick corn from a missing hill," so . . . United-Hagie is planter plate graded by modern methods to make sure that United-Hagie seed will fit the planter plate it is graded for. You can be sure of easy, even planting that results in better, fuller stands. Each sack is marked with planter-plate number.

Exclusive Kernel-Koating — "Slow starters may never finish," so . . . United-Hagie is coated with disease resistant *and* nutritional elements that both protect *and* feed the seedling. Seed is protected from soil-borne disease, fungi, cold . . . also given its first meal for a fast, sure start and better germination.



Built-in Weather Insurance — "Thirsty corn *plants* make hungry corn *cribs*." but . . . dry year, wet year, normal year, United-Hagie varieties produce good yields regardless. Because United-Hagie varieties are bred for deep roots. Roots up to nine feet in length that "go out after" moisture and food.

Bred for Small Cob, Full Kernels — "Bigger yields per *ear* mean bigger yields *per acre*," so . . . through years of research, United-Hagie scientists have developed hybrids with small cobs and deep, full kernels to give you a higher shelling percentage when you plant United-Hagie. Sturdy disease resistant stalks keep those big, deep kernelled ears hanging on.

Yes, only United-Hagie can give you this yield guarantee: "United-Hagie hybrid seed corn is guaranteed to produce as well or better than any other corn of like maturity you plant under similar conditions, or your money refunded after official check."

Play it safe and sure on your next corn crop. Plant United-Hagie. You're safe from the whims of weather. Sure of a high yield in the fall. In 17 major research plots throughout the midwest, United-Hagie hybrids are tested and adapted for top-yield production *on your farm.*

1955 Iowa Corn Yield Test Results — In a comparison of a United-Hagie variety with the ten most popular varieties of each of four leading competitors, in each of the twelve districts, United-Hagie yielded *best in 3 out of every 4 test comparisons.* Drop a postcard for free "Analysis of 1955 Iowa Corn Yield Test."

See your United-Hagie dealer — he attends regular briefing sessions at our research and developmental facilities. He is well trained to help you select the best variety for your soil and climate. For his name and address write to United-Hagie Hybrids, Inc., Des Moines 9, Iowa.

UNITED·HAGIE
HYBRIDS
Grow and Compare

LIKE MANY other Iowa farm women, Mrs. Loren Fbele, Hancock county, believes that a time limit should be placed on telephone conversations. Son Ronald was not interviewed.

Should there be . . .

A time limit on telephone calls?

WHAT kind of service do you get from your party line? Could your barn burn while your neighbors visited? Do you ever have to wait a long time to get a business call thru?

Recently the Wallace Homestead Poll asked several hundred Iowa farm women these questions:

"On some country lines, phones are used a good deal for lengthy visiting. How do you feel about this habit? Check the statement that comes closest to your views."

1. Country phones should be used for visiting. That's what we pay for.

2. Only a few abuse the phone service. Why worry about them?

3. If some women would tend to their housekeeping, they wouldn't have time to keep the lines busy.

4. There should be a time limit on all calls.

5. We have a private line and therefore no problem.

If a similar poll had been made, say 15 years ago, answers might have been greatly different. Farm people aren't isolated any more. Time that used to be spent on the telephone can now be spent watching television, listening to the radio or even sharing a coffee break with the neighbors.

This is how farm women answered the questions:

1. Phones should be used for visiting 8%
2. Only a few abuse the use of party lines 34
3. If some women would spend their time housekeeping, they wouldn't have time to keep the lines busy..... 5
4. There should be a limit on all calls 47
5. Have private line and no trouble 5

These questions were asked only of women. Answers might have been quite different if men had also been interviewed.

It's true that women use the telephone a lot more than men. In bad weather, busy times or periods of illness, it can be the only contact with the outside world. Women may be less critical of other women who use the line for visiting.

On the other hand, it seems probable that men telephone mainly for business purposes and are greatly inconvenienced by a delay in phone service. Five minutes can seem like an hour to an impatient male.

While 34 percent of the women interviewed indicated that only a few abused the use of the party line, still apparently a lot of them had had some waiting experience. For nearly half (47 percent) said they thought there should be a time limit on all calls.

Occasionally there was a difference within a family on the use and abuse of the party line. For instance a young woman in Decatur county said: "We don't have any trouble with people using the phone too much, all of us visit some." Her husband who heard her make this statement said: "How about the time last week when I had to wait two hours to make a business call?"

A few women admitted quite frankly that they not only visited over the phone but they often do some eavesdropping. An older woman living in Clay county said: "I'll take my phone out if they put in the dial system. I pay for a phone so I can listen to my neighbors."

Another, this time a young woman in Decatur county said: "All of us do some visiting but very few spend more than a limited time on the phone—we're too busy."

But almost everyone would agree with the woman in Cerro Gordo county who said: "I don't mind visiting, but everyone should be willing to give up the line when asked to do so. Waiting five minutes in an emergency might make the difference between life and death."—**Z.M.**

Homemaking Today

Edited By ZOE MURPHY

New Bigger Bisquick Is Here To Save You Money!

NEW ECONOMY SIZE SAVES YOU MORE THAN 10%! MAKES ALMOST TWICE AS MANY GOOD THINGS! 4½ LBS. OF BISQUICK FOR EASY, QUICK FIXING OF GOOD FOOD.

"We're especially glad to bring you a bigger Bisquick at a time when you're busiest, indoors and out. The new big box can help you with so *many* more meals. And you won't run out so fast. Our economy size box, which your letters have shown you wanted, holds almost 18 cups. That's enough for nine big old-fashioned shortcakes, four more than you get from the regular size. Or 108 biscuits compared to 60. You'll like the convenience of the new bigger Bisquick for fixing many other good things, too . . . from pancakes to dumplings to cake. Buy the new bigger Bisquick next time you shop."

Betty Crocker
of General Mills

Bisquick...
Now in 3 sizes!

Styles for the season

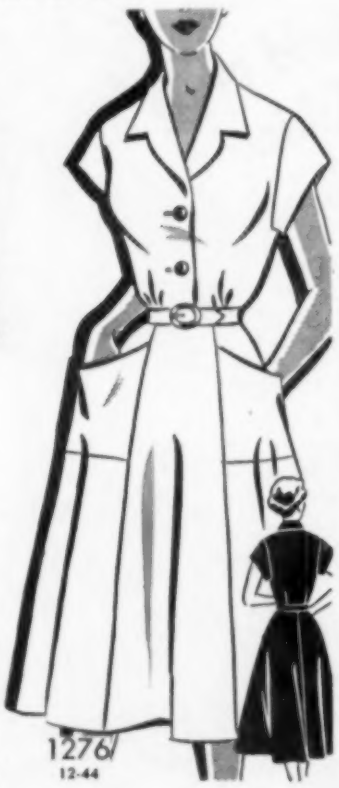
No. 8389. A special date dress for Teen-Types, cut on pretty princess lines. Sizes 10, 12, 14, 16. Size 12, 5⅝ yards of 45-inch.

No. 8318. Youthful yoked frock with tiny sleeves and a full collar. Sizes 10, 12, 14, 16, 18, 20. Size 12, short sleeve, 5¼ yards of 35-inch.

No. 8345. For the smaller family members—dainty, easy to sew togs that take little fabric. Sizes 6 months, 1, 2, 3 years. Size 1, dress, 1⅓ yards of 35-inch; undies, 1¼ yards; sunsuit, 1 yard.

No. 8346. A cool, collarless all occasion dress. Sizes 12½ to 24½. Size 14½, 3⅞ yards of 35-inch.

No. 8401. Slanted detail on this lovely afternoon frock is accented with bright contrast. Sizes 36, 38, 40, 42, 44, 46, 48, 50, 52. Size 38, short sleeve 5⅝ yards of 35-inch; ⅝ yard contrast.



No. 1276. Classic and smart shirt-waister that is so becoming to every woman. Sizes 12, 14, 16, 18, 20; 40, 42, 44. Size 14, 4⅝ yards of 35-inch.

Patterns are 30 cents each, coin preferred. Address your orders to Pattern Department, Wallaces' Farmer and Iowa Homestead, Des Moines, Iowa.

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New 18-cubic-foot G-E "Book-Shelf" Freezer

Puts twice as much food within easy reach as a chest freezer!

ONLY $449.95*

*Distributor's recommended retail price.

See this and other sensational freezer values at your G-E dealer's

HOLDS 640 POUNDS

This new G-E "Book-Shelf" Freezer (that keeps food as easy to reach as books on a shelf) is one of the greatest freezer values on the market. Compare the cost . . . even with *chest* freezers of comparable quality and size!

Stores as much as an 18-cubic-foot chest, yet takes only half the floor space. And there's no bending, no rummaging, no lifting . . . *none* of the disadvantages of a chest.

Gives you famous General Electric dependability, new G-E straight-line design plus all this:

- **8 refrigerated surfaces, not just 4 "cold" walls**
- **Frozen juice can dispenser; holds 20 cans**
- **Automatic interior light**
- **Ice cream conditioner; holds 4 half-gallon packages**
- **Big sliding basket for odd-sized items**
- **7 extra-wide and deep door shelves**
- **10-position temperature control including "off"**
- **Safe-guard alarm system**
- **3-year warranty against food spoilage**
- **5-year warranty on refrigeration system**

Available in beautiful G-E Mix-or-Match colors: Canary Yellow, Turquoise Green, Petal Pink, Cadet Blue, Woodtone Brown—or White. See your General Electric dealer for exact terms.

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this famous cap

makes canning and freezing simple and dependable!

The white enameled inner coating and flowed-in gasket prevent any leakage or loss of flavor, will not impart foreign flavors to foods. Available in sizes to fit Atlas Standard Mason and Wide-Mouth Mason Jars.

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Wallaces' Farmer and Iowa Homestead

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Rocks, Reds, $5.99; Pullets, $11.99; Leghorns, $6.85; Pullets, $12.99; Heavies, $4.99; Mixed, $2.99 FOB. BUSH HATCHERY CLINTON, MISSOURI

SEND WOOL to us for FINE BLANKETS. Free information. West Texas Woolen Mills, 447 Main, Eldorado, Tex.

GRANDMOTHER would have been surprised if she could see a modern grocery store. Mrs. Laurence Ryerson fills her basket with items that would have been completely unknown a generation or so ago.

Country air

SOMETIMES when prices are down or seasons are dry it seems that farming is more of a hobby than a vocation. But there's something about it that gets in the blood. There's that restless feeling in the spring until seeds are in the ground. And that feeling of accomplishment when the crop is harvested. This is the way that Chuck seems to feel about raising rabbits.

He started two years ago with a pair of babies just old enough to leave their mother. And now his pens are hopping with rabbits of all sizes. Ninety-two to be exact — and more expected. Dozens of things can go wrong. So the whole family feels elated when a new batch of babies is found.

I wonder what the kids will remember about their childhood? I think that I will remember today when all three were in the house and we were having a pickup (an unpopular indoor game). Everyone was cheerful and full of chatty news. Ginger proudly pointed out each chair which she had dusted with her little dust mop so there would be no danger of my doing them twice.

But they will probably remember the hot August day when I upset a whole kettleful of tomato juice and it rolled over the kitchen floor like a red sea. Chuck and Margie both reported that the kids found the incident very funny when they told about it in Telling Time at school. Not to be outdone, Ginger told the story at Sunday School.

"Will you really sleep out with us tonight, Mom?" The kids were incredulous at the news. I was too, for I am one of those putter-offers. I dream of packing up into the mountains, riding a horse all day, and eating campfire-cooked trout at every meal. But when our Iowa summer nights are mellow with moonlight, do I sleep out under the stars? No, I stagger upstairs and turn on the fan.

So our trip to the back yard took on the romance of a safari, with Cub Scout Chuck guiding the party. He has been sleeping out since April, keeping warm by putting a friend (a small-sized cub scout) in the sleeping bag with him. He keeps cool by inviting a larger cub scout to come and bring his own blanket.

But on family night Chuck dragged an old linoleum to a likely spot on the lawn and lined us up like weiners in a package. Ginger was in the sleeping bag, Margie, Daddy and Chuck in blankets, and Mom (the pioneer) on an air mattress.

Quiet evenings in the country are rare enough, but it helps to turn off television, radio and electric lights and get out of earshot of the telephone. On this night the heat of the day gradually gave way to gentle breezes as leaves became darker and ever darker until they were black velvet. The evening star was surrounded by what Margie calls pillions of stars. And giggles eventually gave way to quiet breathing.

Sleeping out has to be done fast at this season of the year for it is light again by four, and soon after that the birds raise quite a hullabaloo.

Writing a column reminds me of the purple cow and the poet who says he would rather see than be one. Now that I have written one column I know that it is easier to read than write one.—**Mary Bullard, Story county, Iowa, Guest Columnist.**

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Cookery Corner

Lemon Milk Sherbet

1 envelope unflavored gelatin
½ cup cold milk
1 cup sugar
½ cup lemon juice
1½ cups milk
1 teaspoon vanilla
2 unbeaten egg whites
⅛ teaspoon salt

Set the freezing compartment of the refrigerator to the coldest point. Place the gelatin and the half cup of milk in a custard cup, and let stand until softened. Place cup in a pan of hot water (not boiling) to melt the gelatin. Combine sugar, lemon juice, milk and vanilla. Stir until sugar is dissolved. Add melted gelatin and mix well. Pour into ice cube tray.

Freeze until almost firm. Turn into bowl. Add egg whites and salt, and mix with electric mixer until fluffy. Turn into freezing tray. Freeze until firm. About 10 minutes before serving, remove from freezer to soften slightly. Makes six servings.

Baked Spaghetti With Ham

Spaghetti, 2 cups
Chopped ham, 1 cup
Eggs, 2
Cream, 1 cup

Cook spaghetti in boiling salted water until tender. Drain.

Butter a baking dish and fill with alternate layers of ham and spaghetti.

Beat eggs lightly. Stir in the cream, and pour over contents of baking dish. Sprinkle top with paprika, and add a lump of butter.

Bake in a pan of hot water until firm. Serve with a cheese sauce.

Corn Meal Biscuits

1 cup sifted white corn meal
1 cup sifted flour
3 teaspoons baking powder
½ teaspoon soda
1 teaspoon salt
⅔ cup buttermilk
4 tablespoons shortening (melted)

Sift together flour, meal, baking powder, soda, and salt. Stir in buttermilk and melted shortening. Knead lightly on floured board. Roll out to one-half-inch thickness. Cut with floured cutter. Place in greased pan. Brush with melted shortening. Bake in hot oven (450 degrees F.) 12 to 15 minutes. Serve hot.

Salt Pork and Gravy

6 slices of salt pork
1 cup milk
2 tablespoons flour

Soak the slices of pork in cold water for an hour. Drain. Place in a heavy iron skillet. Cover with milk, and let come to a boil. Remove pork, and fry in another pan until crisp and brown. Make a paste of flour and water, and stir into the milk. Cook until the gravy thickens. Pour over salt pork, and serve at once. Serves three.

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Hoppers have big year

New seedings, corn and soybeans need protection. Here are recommendations

THE year of 1956 will go down in Iowa history as a "grasshopper year." Hopper infestations have been the heaviest since the '30s.

But there's one big difference between the hopper problem this year and the ones of the '30s. Farmers now have easier and more effective methods of battling the insects.

Reports indicate that spraying with recommended chemicals—such as aldrin, heptachlor, dieldrin or toxaphene—results in an effective kill of hoppers.

Lots of hoppers have been killed. But still there are plenty of the pests. How can you keep 'em from doing further damage?

Oats fields should be sprayed as soon as they are clipped or combined, suggests Earle Raun, insect control expert at Iowa State College.

And he gives two reasons: (1) It'll protect new seedings that have survived the drouth; (2) and keep hoppers from moving into corn or soybean fields.

Raun suggests spraying with two ounces of dieldrin per acre—providing you don't plan to pasture or harvest a crop from the field for 30 days.

Dieldrin is preferred because it remains effective longer than aldrin or heptachlor, Raun explains. You can expect dieldrin to kill hoppers for 10 to 12 days after application.

However, if you can't wait 30 days to pasture or harvest a field, Raun suggests spraying with heptachlor or aldrin. Use four ounces of actual chemical per acre. Then follow label recommendations concerning pasturing or harvesting.

Toxaphene may kill hoppers for as long a period as dieldrin. But it's more expensive when applied at recommended rates, Raun points out.

To protect corn or soybeans, Raun suggests spraying the outside rows of the field. Use dieldrin. And apply the chemical as far back into the field as you find hoppers.

To control hoppers in gardens, Raun suggests the following insecticides: Methoxychlor, malathion or lindane.

All of the insecticides recommended for insect control in Iowa are safe to use—if you read, understand and follow label directions, Raun says.

However, you should remember that insecticides are poisons. Handle 'em with respect.

What about borers?

First brood infestation generally was light. Watch for second brood

FIRST brood borer infestations weren't as heavy in western and central Iowa as in some years.

In central Iowa, only about six percent of the cornfields had borer infestations heavy enough to justify chemical control. That's the report from Dr. T. A. Brindley, head of the Regional Corn Borer Research Laboratory at Ankeny.

Brindley says that about 30 percent of the fields usually need treatment.

However, heavy infestations were found in a higher percentage of fields across eastern Iowa, Illinois and Indiana.

"I've had more calls for borer control information from Indiana this year than for a long time," Brindley points out.

Altho treatment was needed on fewer than the usual number of fields, Brindley says that a relatively high percentage of fields had light borer infestations. In other words, the borers were pretty well spread across the western and central Iowa areas.

What about second brood borers?

"With adequate rain for good corn growth thru July, there's a possibility of some fairly heavy infestations of second brood borers," Brindley says.

Second brood pupation appears to be slightly earlier than last year, Brindley explains. So second brood borers might catch a lot of corn.

If the second brood threat develops, when will control be necessary? During the last week of July or the first week of August, Brindley guesses.

Research has indicated that it pays to treat for second brood borers at first signs of hatching if 100 egg masses per 100 plants are present—or if a large borer moth flight is in prospect.

Either DDT granules or DDT spray may be used on second brood borers.

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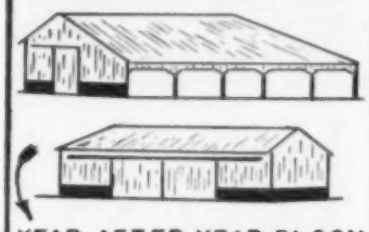

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Farm and Feedlot

Crusher And Dryer Speed Haymaking

Putting up hay without a dryer or a crusher usually means it has to be field-cured until the third day after cutting, says H. D. Bruhn, farm engineer at the University of Wisconsin.

Either a field crusher or a dryer alone will cut haying time by one day, advises Bruhn.

Use both a crusher and a dryer, and in most cases, you can mow hay in the morning and haul it to the barn in the afternoon.

Crushers and dryers also mean better quality hay, says Bruhn. With usual field curing, the valuable leaves dry faster than the stems and shatter off when the stems are dry enough to haul in.

But with stems crushed, stems dry as fast as the leaves. Hay can be hauled in before leaves get too brittle.

By using a barn dryer, you can haul hay into the barn at 30 to 35 percent moisture and dry it mechanically to about 20 percent—just right for storage.

Cool Cows Give More Milk

Cool cows give more milk during hot summer months, says Dr. K. E. Gardner, acting head of the University of Illinois Dairy Science Department.

He says tests runs at the University of Illinois showed that cows which had no shade suffered greatly from the heat. Cows showed severe discomfort and actually had as much as six degrees of fever on bright days when there was no wind.

An inexpensive shade can be made by using pole construction with hay thrown on top of woven wire for the roof. Gardner recommends hay because its cost is relatively low and because it will allow air to circulate through the roof. This shade can be built on skids so that it can be moved.

Be sure to allow 20 square feet of shade for each cow and build the shade near a source of water. On very hot days the cows will stay in the shade and will not walk for water.

Play It Safe!

Gangway for father,
He'll need lots of room
To travel this hallway
Which may lead to doom.
—Beth Wilcoxson

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Or you can use aldrin. Aldrin works fast—hours after application, you'll see dead hoppers. Aldrin is recognized in all growing areas as a top hopper control.

Use aldrin or dieldrin at the *first sign* of grasshoppers. Your insecticide dealer stocks well-known brand formulations containing aldrin and dieldrin.

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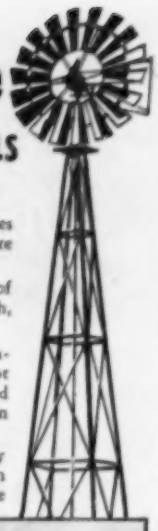

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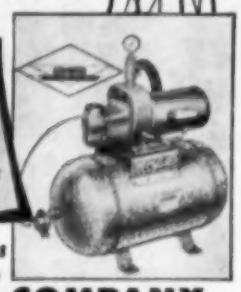

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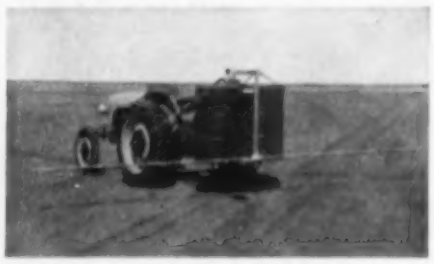

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She'll vote Republican on congressional candidates this fall. Mrs. Stella Bisgrove of Cerro Gordo county, Iowa.

Farm vote for congress

Farmers who are concerned about farm laws tend to give edge to Democrats

HOW will farmers in the territory covered by Wallaces' Farmer and Iowa Homestead vote on candidates for congress?

Later surveys will answer this question in detail for Iowa farm people. But the whole circulation territory (map on page 6) was covered to get the views of men subscribers who were also especially interested in farm legislation.

The question put to them was:

"In the U. S. congressional races in your state, are you now inclined to vote for the Republican candidates or for the Democratic candidates?"

Following is the way Republicans, Democrats and the whole area voted:

	Rep.	Dem.	Total
Republican	51%	2%	36%
Democratic	28	90	47
Undecided	21	8	17

Two things should be noted about this vote. The men who cast their ballots were particularly interested in farm legislation and probably not as tightly bound by party loyalty as other voters. Note also that the undecided group is large.

But still 28 percent of the Ike voters of 1952 apparently are thinking of switching in 1956. Why?

The farm issue—plus irritation at Secretary Benson—apparently did the trick.

When farmers were asked which party would do the better job in raising farm income, 56 percent voted for the Democrats as against 21 percent for the Republicans.

Of the majority who favored the Democrats on the farm issue, a very large group—about three-fourths—also said they would vote for Democratic candidates for congress.

Of the large number who said Secretary Benson was doing a poor job, two-thirds voted Democratic on congress in the survey.

How they'll actually vote in the election is still a question. With Eisenhower heading the Republican ticket, some deserters may go back home again.

Is there any difference between Iowa and the circulation territory outside Iowa on this question? Not much. Here are the figures:

	In Iowa	Outside Iowa
Republicans	34%	37%
Democrats	46	47
Undecided	20	16

Republican strength lies in the feeling of many farmers that the GOP is the better bet for keeping the U. S. out of war. Most of those who voted for Republican congressman did so for this reason. The best the Democrats could do was to argue there wasn't any real difference between the parties.

What does this survey tell us about the Hickenlooper-Evans race for the senate in Iowa, the Dirksen-Stengel race in Illinois and other contests in the territory covered by Wallaces' Farmer and Iowa Homestead?

Not very much. All it indicates is that among farmers with a deep interest in farm legislation, the Democratic candidates for congress have an advantage right now.

But how will women and others not interviewed in this survey vote? And to what degree will straight ticket voting help the Republican candidates?

We'll learn later. The Wallace-Homestead Poll will soon report on some of the state-wide contests. Watch for reports of farm views on governor and U. S. senator.

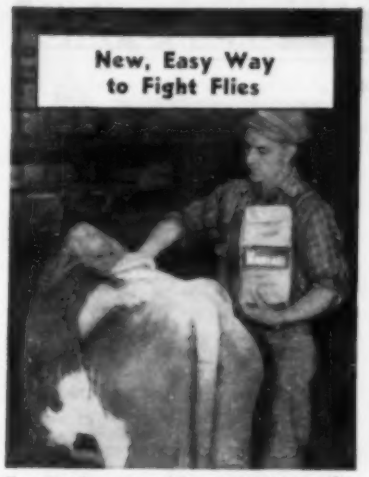
Using Insecticides? Read the Label

Careless use of insecticides can endanger your life. So read the label. And follow the directions.

That advice comes from Dr. C. W. Kearns, toxicologist at the University of Illinois.

Some insecticides are more risky to use than others. But all recommended insect killers are safe if properly used.

After working with insecticides, always wash your hands and face with soap and water before eating, Kearns urges. And bathe or shower at the end of the day.



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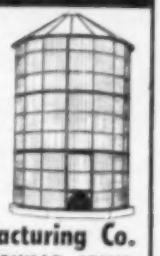

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Outside stuff

TRACTOR accidents can happen to skillful, safety-minded operators. Take the case of Jack Dodds of Nodaway county, Missouri.

"I've been operating tractors for years and years," Dodds told me a few days ago. "I think I know how to handle 'em."

But the Missouri farmer was nursing bruises when I talked with him. He narrowly escaped serious injury when his tractor overturned while cleaning barnyards.

And Dodds believes in following safety precautions, too. In fact, he took special note of a tractor safety article which appeared in Wallaces' Farmer and Iowa Homestead just a few weeks before he had his accident.

"I read it to the boys. And warned 'em to pay attention," Dodds told me.

• • •

THOSE red flags above tractors and other slow-moving farm equipment on the highways are a good idea. Seems like I see more of them each year.

Much of the credit for the increased use of this safety device goes to 4-H and FFA clubs. In many communities, the youngsters have promoted the use of the red flags by making them available to farmers.

• • •

FARM sprayers have been mighty handy pieces of equipment this year. Driving across the country, you see 'em by the dozens—some in action, others in the barnyard ready to go.

• • •

EVEN we city folks have been having grasshopper troubles this summer. Some of my neighbors have been asking how to get rid of the pests.

Having sodded my new lawn with pasture sod last spring, I had a real healthy crop of young hoppers, myself. Apparently the sod was loaded with hopper eggs. And the young hoppers literally swarmed out of it in early June. But they died—thanks to chemical control.

—Dave Bryant.

"Now wasn't that better than hiring an expensive surveyor to settle where the boundary line is?"

Join the BIG SWITCH to
NEW KENDALL® non-gauze MILK FILTERS

More and more dairy farmers are switching to *new* Kendall non-gauze Milk Filters. Why? Because they outperform any other disk, and—best of all—cost up to *30% less* than premium priced filters.

• **TOUGHER**—nearly twice as tough, wet or dry, as any other disk. Won't rupture or wash, takes rough treatment.

• **FASTER**—filters more milk faster—saves you time in the milk house, yet gives you high sediment ratings.

• **EASIER**—in and out of the strainer it's easier to handle—needs no baffle, dome or support of any kind.

They've switched—have you?

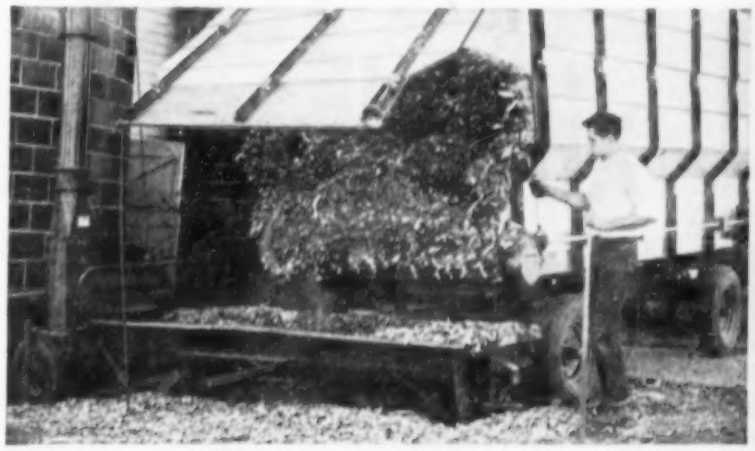
"They are the strongest disks I ever used. They filter more milk faster at less cost"—John Parslow, River Falls, Wisconsin.

"New Kendall disks are the strongest and fastest disks I ever used—and cost less." Frank Wyatt, Zumbro Falls, Minn.

"I've used all major brands of filter disks. I like the new Kendall disk best of all." Marvin W. Wilson, St. Joseph, Missouri.

Get a box from your local merchant and save yourself time, trouble and money.

The KENDALL Company • *Kendall Mills Division* • Walpole, Massachusetts



"On forage I need that Farmhand capacity and smooth PTO unloading!"

FORAGE AND SILAGE HANDLING is completely mechanical—when you own a Farmhand "Power-Box" Forage Unit. The "Power-Box" takes big loads—cuts number of trips to the field—and unloads smoothly from PTO to keep your blower working at full capacity.

The "Power-Box" is available in a 6-ton model, above, and a 4-ton model, left. The high, flared sides give the capacity you want . . . and they catch all harvester discharge, even on turns.

What's more, the multi-purpose "Power-Box" converts to Spreader, Feeder, All-Purpose Box . . . a good way to cut your machinery investment way down.

You'll welcome Farmhand's famous dependability because it means top performance with fewer maintenance problems.

SEE THE "POWER-BOX" AT YOUR DEALER'S
Write for free illustrated booklets.
THE FARMHAND CO., Dept. WF70, Hopkins, Minn.
A Division of Superior Separator Company

Farmhand
FIRST IN FARM MATERIALS-HANDLING

Make MORE than ever before from THIS YEAR'S Corn Crop

ALL-PURPOSE BIN DRIES CORN . . . WORKS WITH PICKER-SHELLER

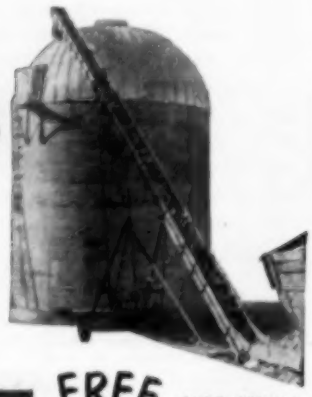
Ralph Weimer, Lakeville, Ohio says: "I wouldn't buy another bin without a perforated steel floor and drying fan. I can use my MARTIN HARVEST HOARDER for any small grain, soybeans and ear or shelled corn. It's vermin-proof, makes aerating and fumigating easy—and I never have to re-handle grain. Grain stays clean and is easier to get out, too. I recommend MARTIN to anyone, regardless of grain crops or farm size."

USE **MARTIN**

grain drying and storage systems

LOWEST COST PERMANENT EAR CORN STORAGE

Virgil Kendle, Ft. Branch, Indiana says: "I get more corn from an acre because I lose less from dropped ears and shelling in the field by picking early and drying in a MARTIN HIGH ROUND CRIB, which gives more permanent, rat-proof storage at lower cost per bushel than any other crib. By picking early I cultivate earlier and sow wheat earlier—and I estimate I get 5 bushels more wheat per acre."



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1423 Longview Ave.—Mansfield, Ohio

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Name

Address

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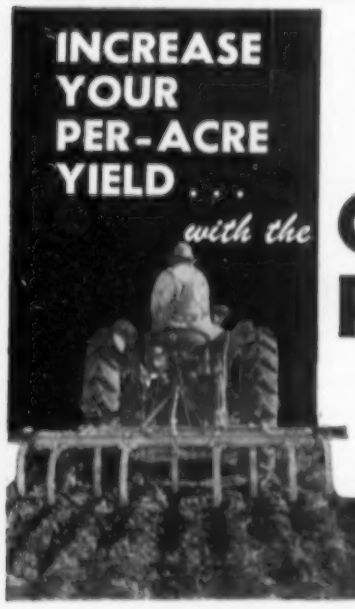
It's Automatic!—Saves more hand labor than anything since milking machines! Watch for details!

INCREASE YOUR PER-ACRE YIELD . . . with the



- Stop Erosion
- Double Sub-Soil Moisture
- Set Up a Penetrating Water Reserve

GRAHAM PLOW

The Graham Plow breaks through the plow floor with chisel furrows 12 inches apart. Goes 16 to 18 inches deep. A size for every tractor. See your dealer or write.

GRAHAM IOWA SUB-SOILER CO.
STATE CENTER, IOWA

"Well, well, stranger! I hear you got nicked by lightning, Charlie!"

Service Bureau

Soil Bank Contract Is Binding

To the Editor: If we sign a soil bank contract, can we withdraw from it later in the year?—H. L., Jefferson county, Iowa.

Farmers had until July 20 to amend their soil bank agreements. This amendment privilege was extended to accommodate farmers who decided after their initial signing to put into the soil bank either fewer or more acres than originally intended.

After the July 20 deadline, the contracts are not subject to revision. If all of the land designated for soil bank is not handled properly, you would be subject to a penalty of half the amount that would have been earned thru completing the agreement.

The soil bank law has more teeth in it than most of the agricultural programs of the past.

Social Security "Drop-Out"

To the Editor: How does the social security "drop out" work for farmers who were brought under social security in January, 1955?—J. D. A., Marion county, Iowa.

The new starting date for all social security coverage is January 1, 1951, or age 21, whichever is later. But since farm operators were not eligible for coverage until January 1, 1955, a "drop-out" period was included in the social security amendment which extended the coverage to farmers.

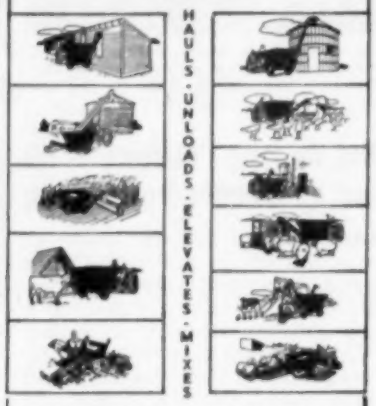
This drop-out allows farmers to drop out the four years from January 1, 1951, to January 1, 1955. These years couldn't increase your social security benefit since you had no covered income. But unless you were allowed to drop them, you would get a lower social security benefit since the 48 additional months would be used in figuring your average net income.

For all practical purposes, you can forget the drop-out period allowed under the law. If you are a self-employed farm operator, the four years won't be used in figuring your basic social security benefit.

Round the Calendar WITH GRAIN-O-VATOR

GRAIN-O-VATOR, the original elevating wagon, offers more features for handling your free flowing materials.

A COMPLETE ONE MAN OPERATION



Write today for new folders. There is a Grain-O-Vator designed for year around farm operation. See your dealer or write

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Use FLI-CON as directed, and

END HOUSE-FLY PROBLEM ON ENTIRE FARM FOR ENTIRE FLY SEASON!

Built-in SCATTER SPOUT

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Ready-Mix with ATREX

Just scatter FLI-CON flakes on surfaces inside or out of farm buildings around barns, stables, pens, poultry houses, manure piles, etc.

ATREX attracts flies to bait . . . flies eat bait and die. FLI-CON is safe enough for dairy barns.

BULK SIZE Treats 25,000 sq. ft. $1.89

MONEY-BACK GUARANTEE

AVAILABLE AT DRUG HARDWARE FEED & SEED STORES

CUTS WEEDS! MOWS LAWNS! SAWS BRUSH!

NEW ROOF VP* MOWER

*VARIABLE PITCH
Gives Instant Blade Adjustment For Any Cutting Job
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New, heavy duty, 180 Amp. Free trial. Dealerships open. 8159 South Pleasant, Department J., Minneapolis 20, Minnesota.

FOR SALE 80A Farm. Half under cultivation. Productive soil, good bldgs. REA power. Priced reasonable. Terms. Hans Schmidt, Clarissa, Minn. R. 1.

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Sanitary Pitless Adapter

Meets Grade A Milk Requirements

FROST-PROOF
LOWER COST
SAFE — SANITARY
PROVED IN USE

Eliminates the need for expensive pump house or unsanitary frost pit.

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Inexpensive RAVEN Silo Cap Ends Mold, Cuts Nutrient Loss

Your unprotected silage suffers a nutrient loss of 10 to 15% every year. RAVEN plastic silo caps reduce this loss to a range of 2 to 6%. Surface mold and spoilage loss are almost eliminated.

Here's why—the heavy 4-mil Polyethylene plastic silo cap keeps moisture in and air out, but allows carbon-dioxide gas formed to escape. Circular caps are four feet greater in diameter than silo to allow for air-tight bond. Re-usable. Will not freeze or rot.

$8.95 for 12' dia. silo
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RAVEN covers for trench and bunker silos available. Write for prices.

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Happy Is The Day When Backache Goes Away . . . .

Nagging backache, headache, or muscular aches and pains may come on with over-exertion, emotional upsets or day to day stress and strain. And folks who eat and drink unwisely sometimes suffer mild bladder irritation . . . with that restless, uncomfortable feeling.

If you are miserable and worn out because of these discomforts, Doan's Pills often help by their pain relieving action, by their soothing effect to ease bladder irritation, and by their mild diuretic action through the kidneys—tending to increase the output of the 15 miles of kidney tubes.

So if nagging backache makes you feel dragged-out, miserable . . . with restless, sleepless nights . . . don't wait . . . try Doan's Pills . . . get the same happy relief millions have enjoyed for over 60 years. Ask for new, large, economy size and save money. Get Doan's Pills today!

AERATE . . .

your Farm-Type Grain Storage Bins

with the POWERATOR

Effectively conditions shelled corn & small grain in bins up to 5,000 bu. capacity.

ONLY $72.50

- 110-volt Motor.
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- Hundreds in Use.
- Can Operate Continuously.

WRITE GEO. A. ROLFES CO. BOONE, IOWA

DRAINS cellars, cisterns, wash tubs; **IRRIGATES - CIRCULATES - SPRAYS** $7.95

Pumps 3,000 GPH; 450 GPH 60' high; or 1,800 GPH from 25' well. Use 1/6 to ¾ HP motor. Coupling flexibled free. 1" inlet; ¾" outlet. Stainless steel shaft. Won't rust or clog . . . $7.95

Postpaid if cash with order. Money back Guarantee.

LABAWCO, Belle Mead 63A, New Jersey

SAVE YOUR LIFE!

One more day and all of Jim's hay would have been in the barn. But now what? True story below is reported by Norval J. Wardle, Iowa State College safety specialist.

"TAKE it away."

The tractor sparked to life and pulled away from the barn. The fork load of hay slowly rose from the wagon.

Jim stepped backward toward the outer edge of the load.

"Have better purchase on the trip rope here," Jim thought to himself. "I won't miss the trip again when Frank calls."

The rope went slowly thru his two hands held poised above his head, ready to jerk.

"Trip 'er," the call came.

Jim gave a jerk. There was little resistance. The rope fell around him. He fell backward, clawing the empty air, then the edge of the load of hay for support.

Thud! He struck the hard ground in a sitting position.

Jim turned to rise, but there was a searing pain up his back to his shoulders. He writhed on the ground in pain.

The other men came running and found Jim there on his back, his face twisted in agony.

It had been a good day for haying. One more day, and they would have had it all in the barn in good condition. But now what? When would the hay get into the barn? That blasted rope; why didn't I check it? Why did I stand on the edge of the load?

These were the things Jim thought, lying there waiting for the ambulance.

Jim was taken to the hospital. The doctor said his back was broken, that he wouldn't work for at least one year.

Have you checked your haying equipment this year?

Don't be one of the 250 Iowa farmers who will likely be killed by work accidents during 1956.

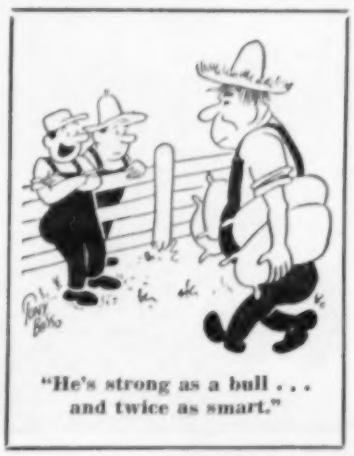
Check all the haying equipment closely before it is used.

Stand in the center of the load to pull on trip or return rope.

Never stand under the fork load of hay as it is being raised.

Never stand a pitch fork by the side of the load or against the load of hay.

Stick any forks in the ground away from the load or lean them against the barn.



"He's strong as a bull . . . and twice as smart."

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UNI-FARMORAMA REVIEW

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. . . HERB PLAMBECK

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Farm Equipment

Driver trainers who came to watch or take part in the road-e-o were Harley Lewiston, Randall; Lee Struthers, Kamrar; John Hoeven, Stanhope; Jim Opolen, Williams, Frank Ulish, Des Moines, state department of public safety; Dick Matter, Webster City; Carol Bradshaw, Jewell, and Chuck Clauson, Stanhope.

Farm girl Sandra Shaw is shown getting instructions from officials before competing.

How to hold a

Teen-age road-e-o

DOES your community have a driver's training course in its high school? Many schools do. If yours does, you may want to hold a teen-age road-e-o.

These pictures were taken at first teen-age road-e-o held last year in Hamilton county, Iowa. Participating were teen-age drivers from Webster City, Jewell, Kamrar, Stratford, Stanhope, Williams and Randall.

Over half the contestants were farm boys and girls. Of the top 14 winners, seven were farm youth. Dick Mortenson, a farm boy from Jewell, and Sandra Shaw, a farm girl from Stratford, were the first place winners.

The teen-age road-e-o was sponsored by the Lions club in Hamilton county in cooperation with the Hamilton county safety council headed by Sheriff Ray Lear. Other groups cooperating were the Webster City police, state safety officials and driver's training instructors from the seven schools.

The six test driving contest required the drivers to judge position, maneuver in close quarters between stanchions, turn in a limited space, and execute both angle and parallel parking.

The final test was to drive a car as far as it would go on one-tenth of a gallon of gas.

Two farm youths, Larry Sowers and Hannah Ann Olson, both 15 year old sophomores at Randall, were top winners in the "Economy Run." Driving at about 12 miles an hour, they drove two and a half miles on the one-tenth gallon of gas.

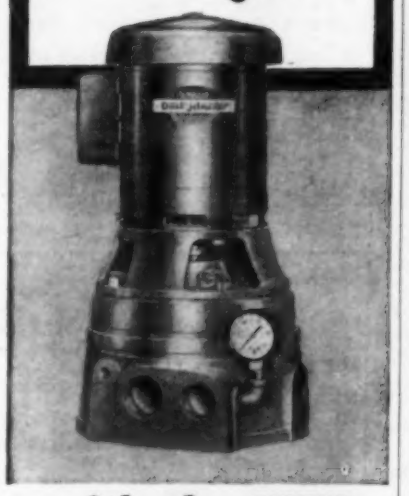
Besides teaching teen-agers safety, a teen-age road-e-o can be lots of fun for everyone. It gives both farm and town people a chance to work together in promoting road safety.

Instructions for holding a teen-age road-e-o can be obtained by writing to Frank Ulish, Department of Public Safety, Des Moines, Iowa. (Photos by Wayne Messerly.)

Top winners in the road-e-o were Dick Mortenson and Sandra Shaw, both farm youths. Here they receive certificates from Frank Ulish, state department of public safety.

What's a contest without queens? Four queens at this road-e-o were (left to right) Eleanor Erickson, Janet Durby, Carolyn Hall, and Deanna Thomas. Janet and Carolyn are farm girls.

More Water...
More Pressure...
Greater Depth...
at Lower Cost!



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Dual-jetmaster
WATER SYSTEMS

Now you can get extra water volume, the extra pressure you need from even greater depth, without the investment and operating cost of a multi-stage pump.

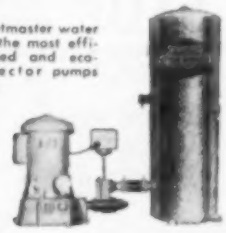
Based on a unique principle of back-to-back impellers, the new Dempster Dual-jetmaster increases the delivery and pressure with only a ¾ H.P. motor. This new principle also lowers maintenance cost and wear as thrust is reduced and the pressure on the seal is cut in half from the conventional multi-stage pump.

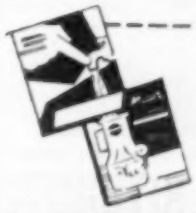
Powered by a standard NEMA rated motor, the Dual-jetmaster features the famous Dempster patented seal, brass wearing rings and stage plate. The advanced engineering of the impellers and wearing rings gives full capacity.

Wherever you need to go deeper, or, in a deep or shallow well require more pressure or volume, the Dempster Dual-jetmaster is the pump for you.

It's backed by Dempster! At your service... 77 years of Water System Experience

Dempster jetmaster water systems — the most efficient, rugged and economical ejector pumps ever made.





Write for these two informative jetmaster folders.

See your Dempster Dealer or Write

Dempster Mill Mfg. Co.
Beatrice, Nebraska

The Farm Flock

GIVE LAYERS extra oyster shell or limestone during hot weather. The extra calcium may improve egg shell quality. Some hens lay more soft-shelled eggs than others. A Wisconsin poultry specialist says hens can be bred for good shell quality.

▾ ▾ ▾

FARM FLOCKS are slowly getting larger. Some poultry experts think midwest poultrymen would make more money from a larger flock. No doubt you can make more money from a flock that is large enough to be an economic unit. And, it isn't much more trouble to take care of 500 than 200 layers.

▾ ▾ ▾

PULLET REPLACEMENTS for farm flocks are up from last year. But the total number of layers on farms isn't expected to be much above last fall. This is due partly to the larger number of yearling hens that were held over last year.

▾ ▾ ▾

MECHANICAL EGG COOLERS will pay for themselves if you can get paid for the extra top quality eggs. Cooling eggs immediately after gathering is important. An egg marketing organization in California requires the producers to have mechanical coolers. But the producers get a premium for their high-quality eggs.

▾ ▾ ▾

A CURRENT RECEIPT egg buyer in eastern Nebraska was paying more per dozen for current receipt eggs than most Iowa buyers were paying for large grade A eggs. Either this buyer was paying too much for eggs, or the Iowa buyers were paying too little.

▾ ▾ ▾

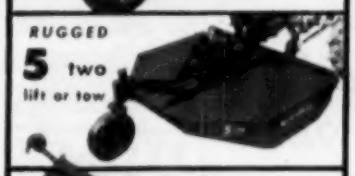
AN IOWA HATCHERYMAN thinks modern layers are capable of laying profitably for at least 18 months. His plan is to get his chick customers to start one group of chicks, say in December. The next year, start the chicks three months later, in March. The following year in June, etc. He says you would be getting the full laying capacity of your layers by following this system. It would mean brooding chicks in the winter and summer months. But if you have adequately insulated brooding houses, this wouldn't be a big problem.

"If it wasn't for the long commercials, he'd never get enough sleep."

SHREDS STALKS TO MULCH!

LILLISTON
ROTO-SPEED *rotary cutter*

THERE'S A MODEL FOR YOUR FARM



Take the Roto-Speed right down the rows — one pass will reduce stalks to a valuable mulch that will help condition your soil. Destroys insect breeding places, too. But that's not all. Roto-Speed cuts stubble, mows pastures and clears land — works all over all year round. Put a Roto-Speed to work on your farm — what a job it will do!

SEE THIS 4 SEASON WORKHORSE IN ACTION. YOUR DEALER WILL BE GLAD TO DEMONSTRATE A ROTO-SPEED FOR YOU

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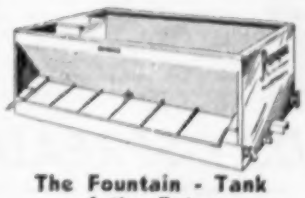
RANGER ALL-DRINK FOUNTAIN TANK



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2. Holds 350 gallons of water
3. Easy to flush hog drinks.
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FROM PROBLEM TO PROFIT

With a Strawmaster on your combine you not only completely eliminate all your straw problems but you plow back the valuable humus and minerals to enrich your soil. Absolutely and unconditionally guaranteed. Write today.

AMERICAN IRON WORKS, INC.
1321 N.E. Quincy, Minneapolis, Minn.

Please send full details on Strawmaster and name of nearest dealer.

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ADDRESS.....
CITY.....ZONE...STATE.....

Rural Route Ramblings

By R. F. D.

SINCE my last communication with the outside world, The Rains Came, and the change in everyone's attitude is amazing. Come to think of it, it isn't amazing at all when you consider the fact we have been waiting for rain about four years.

NATURALLY there is a new farm to market road on the route, and naturally it hasn't been rocked yet. Even more naturally, I got stuck in front of a farmer's house. He told me it was a pleasure to pull somebody out of the mud and he would gladly do it all day!

ANOTHER FARMER was worried about his 41 young pigs. There was water in his pond for the first time since he dug it two years ago. He didn't quite know how the pigs were going to react, never having seen a pond.

SEVERAL of the farmers on my route were so carried away by the rain that they actually said some nice things about Benson!

ABOUT the only drawback to the rains I can think of is the fact that they will doubtless bring on another deluge of box holders trying to sell the farmers everything from rain gauges to flood control gadgets.

I SWORE that this year, if it burnt out my garden I would never garden again.

AFTER IT did rain and I inspected the weeds, it looks like I kept my oath.

I CAN HARDLY wait for the political conventions so I can shut the television off and get some sleep.

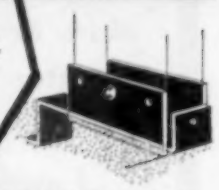
YES, SIR, IT will surely be nice to hear, "From the rock bound coast of Maine to the sunny coast of California . . ." followed by a string of equally ancient wheezes.

LUCKILY all the dry, hot wind coming from the convention cities will be too far away to damage many crops.

"Try imagining you're riding herd over 5,000 cattle . . . breaks the monotony."

R-W Studding Sockets STOP ROT

in BARNS, CRIBS, SHEDS



Keep buildings stronger years longer! Hot galvanized steel studding sockets won't split, rot, shrink. Easily anchored to concrete floor or foundation. 2 x 4, 2 x 6, 3 x 8, and 4 x 8-inch sizes.

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Controls all stock in any weather or soil conditions for 10c per month. Two signal lights tell at a glance condition of fence and unit. Exclusive "Saf-tee" chopper clips weeds on contact. Ask your dealer for a free demonstration. Five models to choose from, $12.95 up.

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CITY..... STATE.....

Joint tenancy lets...

1. two or more people share title to property
2. survivor get sole ownership

This article on joint tenancy was prepared by Arthur A. McGiverin, associate professor, Agricultural Law Center, State University of Iowa.

REAL estate, bank accounts, government savings bonds and other property can be held in joint tenancy.

Here are some of the important legal aspects of owning property in joint tenancy:

The most common form of words in a deed of land that creates a joint tenancy is: "To John Doe and Mary Doe, as joint tenants with full right of survivorship and not as tenants in common." In bank accounts and government savings bonds, these words have the same effect: "To John Doe or Mary Doe or to the survivor."

Joint tenancies are created in some cases by contracts among the parties. Property may be left by will to two or more persons in joint tenancy.

John and Mary, as joint tenants, are owners of undivided shares in the property with survivorship between them. That means when one dies, the other is sole owner.

Each joint tenant is thought of as owning the whole, subject to the equal rights of the other.

If John dies, the title of Mary is generally freed from any claim of John's estate, children or other relatives.

Joint tenancy should not be confused with a tenancy-in-common. Here, too, each person owns an undivided share, but there is no right of survivorship between them. When John dies, his share in the property would pass to his heirs or under his will. Iowa law assumes that any transfer to two or more persons makes them tenants-in-common unless there are clear words of survivorship that show that a joint tenancy was intended.

Property held in joint tenancy does not go thru probate in a technical sense, but it is listed with other property on the probate inventory and a death tax clearance is necessary.

If John and Mary were joint tenants and John died, the property would be included in John's estate for death tax purposes in proportion to the part of the purchase price that he contributed. If he paid all the purchase price, the whole property is subject to tax on his death.

A marital deduction from John's estate for federal death tax purposes is allowed when a surviving spouse, Mary, gets the joint tenancy property. Exemptions for both state and federal taxes may be set off against joint tenancy property.

The right of survivorship in a joint tenancy can be cut off. Then the joint tenants would become tenants in common and each owner's undivided share would pass at death to his heirs or under his will, not to the survivor.

Some common means of cutting off the survivor's rights are: mutual agreement of the joint tenants, a deed or land contract by one or both joint tenants to a third party, sheriff's sale of the property, or action by a trustee in bankruptcy of the tenants.

The right of survivorship is not cut off by a divorce, by the attempt by one party to will his interest, or by a judgment obtained against one of them.

There are many legal and tax factors in joint tenancies, some good and some not so good.

You cannot say that joint tenancy is all good or all bad. It is simply one method of holding title. On the basis of good legal and tax advice each person must decide for each kind of property whether joint tenancy works to his best advantage.

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THE ALL NEW
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MASON CITY, IOWA
AUGUST 6 thru 12

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Monday 8 P. M. Tuesday 2 P. M. - 8 P. M. Wednesday 2 P. M. - 8 P. M.
Free Grandstand Performance Each Appearance.

• AUT SWENSON'S THRILLCADE
of 1956
See an Auto Jump Over the Back of an Elephant

• BIG CAR RACES
• 100 MILE STOCK CAR RACES
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Featuring His Famous Dance Band and 8 Variety Acts

• CERRO GORDO COUNTY RURAL YOUTH DAY
Afternoon and Evening Performances, Thursday, August 9 by Cerro Gordo County 4-H, F.F.A. and F.B.Y.P. Groups

20th Century Shows On The Midway
Five New 1956 Rides Added This Year

4 TIMES AS BIG AND BETTER THAN EVER IN IT'S NEW LOCATION WEST OF MASON CITY ON HIGHWAY 18!!

Coming August 1....

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THE AUTOMATIC PIG

It's Automatic!—Greatest help in raising pigs since the boar was invented! Watch for details!

handle more tonnage
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with an Allis-Chalmers Blower

Break the bottleneck of silo filling!

Three features of the Allis-Chalmers Blower give you greater capacity with less power required: 1. Wide-blade blower fan; 2. Big nine-inch pipe; 3. Long, easy-lift conveyor hopper.

The Allis-Chalmers Blower fan has six wide, curved blades that *blow and throw* the material up the pipe. Cupped blades reduce friction, avoid wedging, prevent backlash, save power.

Nine-inch blower pipe gives 65 percent greater capacity than seven-inch pipe.

Long, low hopper with rubberized conveyor belt accommodates wide truck beds or low-wheeled wagons. Unload from either side. Same hopper handles grain with equal speed and efficiency.

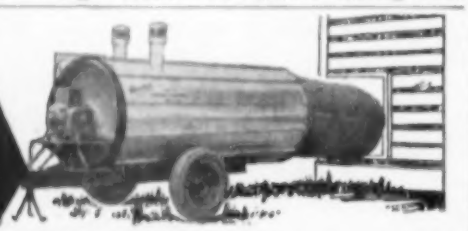
Additional features: easy-lift, hinged hopper; wagon unloading attachment (optional equipment); air-tired transport wheels; clamp-ring connectors — easy to hook up pipe sections. See it at your Allis-Chalmers dealer's.

ALLIS-CHALMERS, FARM EQUIPMENT DIVISION, MILWAUKEE 1, WISCONSIN

ALLIS-CHALMERS A-C

"FOR TOP production at the lowest possible cost, we stick to a FELCO Feeding Program," says Ken Harrison of Creston, Iowa. More than 130,000 Iowa farmers own FELCO. By buying cooperatively, they expect and get the highest quality products at the lowest possible cooperative prices. Why don't you take advantage of a FELCO Feeding Program? Learn for yourself that FELCO is the best. Ask your neighbor then see the manager of your local farmers cooperative . . . that's the only place you can get FELCO . . . Iowa's leading feed.

BOOST *your* CORN PROFITS *with this* *Aerovent* STAR DRYER



Don't depend on field drying! Pick your corn as soon as it matures, then dry and store it with assurance that it is safe from spoilage. If you sell, you can beat the market by 2 to 3 weeks. Every advantage will be yours with a safe, early harvest.

Check these features

SCIENTIFICALLY DESIGNED HEAT EXCHANGER.

A S. 7½ OR 10 HORSEPOWER MOTOR DRIVES 36-INCH, 7-BLADE PROPELLER.

STAINLESS STEEL JET BURNER USES NO. 1 OR 2 FUEL OIL.

There's an Aerovent Fan for Every Farm Use. Shown: Model 73281 — 3 h.p.

GEORGE A. ROLFES CO.

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BOX 548, BOONE, IOWA
Please Send Me Your FREE Bulletin, "Drying Corn For Profit."
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Farm News Briefs

TEAM-PULLING contest at the Iowa State Fair will be held on the first three days of the fair — August 24-26. Lightweight teams (less than 2,800 pounds) will compete the opening day of the fair. Middleweight teams (2,800 to 3,199 pounds) will pull on August 25. Heavy teams (3,200 pounds and up) will pull on Sunday, August 26.

▼ ▼ ▼

CHEMICAL insecticides, when used as recommended, do not endanger human life. That assurance comes from Harold Gunderson, Iowa State College entomologist. Before a chemical is recommended for use in the field it undergoes extensive testing and evaluation, Gunderson points out. The U. S. Food and Drug Administration imposes rigid restrictions on application of chemicals on crops and livestock. Insecticides recommended for use in Iowa are not absorbed by plants, Gunderson adds.

When properly used, Gunderson concludes, all chemicals retailed by reputable manufacturers have a large safety margin.

Major hazard to avoid in handling insecticides is spilling the material on your skin or clothing.

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SUPPORT PRICE for 1957-crop wheat has been set at $2 per bushel, Secretary of Agriculture Ezra T. Benson has announced.

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TWO WATERSHEDS in Iowa have been approved for planning assistance, according to Kenneth Wagner, chairman of the state soil conservation committee. They are the Crooked Creek watershed in Audubon, Cass and Guthrie counties, and the Big Creek watershed in Decatur county. Approval by the state committee clears the way for applications to be forwarded to the U. S. Department of Agriculture for their approval and action.

▼ ▼ ▼

MASTER FARMER William C. Anderson died at his home near West Liberty, Iowa, on July 7. Anderson was named a Master Farmer in 1929, had served as president of the National Poland China Association, and was a nationally known breeder of Shorthorn cattle. He was director and past president of the Eastern Iowa Rural Electric Cooperative.

▼ ▼ ▼

COMING EVENTS: National Farm Safety Week, July 22-28; National Hampshire Meat Hog Conference, Sioux Falls, So. Dak., July 30-31; Missouri State Plowing Match, Jamesport, Mo., August 2; Nebraska Sheep Day and Sale, Lincoln, Nebr., August 3; North Iowa Fair, Mason City, August 6-12; Illinois State Fair, Springfield, August 10-19; Annual Meeting American Soybean Association, Urbana, Ill., August 13-15; All-Iowa Fair, Cedar Rapids, August 13-19; Missouri State Fair, Sedalia, August 18-26; Iowa State Fair, Des Moines, August 24-September 2; Minnesota State Fair, St. Paul, August 25-September 3.

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FOR Dairy Barns, Beef Barns, Machine Sheds, Poultry Buildings.

ALSO Garages, Bunker Silos, Grain Bins, etc.

47TH YEAR

GRAIN BINS of QUALITY

11 Sizes 500 to 4300 bu.

Reseal Your Corn and Pay the Cost of Bins in Less than 2 Years

Free Information and Low Factory Prices

WESTERN SILO CO.
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YOUR CHILD MAY HAVE PIN-WORMS
1 OUT OF 3 DOES!

Fidgeting, nose-picking and a tormenting rectal itch are often telltale signs of Pin-Worms . . . ugly parasites that medical experts say infest *one out of every three* persons examined. Entire families may be victims and not know it.

To get rid of Pin-Worms, these pests must not only be killed, but killed in the large intestine where they live and multiply. That's exactly what Jayne's P-W tablets do . . . and here's how they do it:

First—a scientific coating carries the tablets into the bowels before they dissolve. *Then*—Jayne's modern, medically-approved ingredient goes right to work—*kills* Pin-Worms quickly and easily.

Don't take chances with this dangerous, highly contagious condition. Get *genuine* Jayne's P-W Vermifuge . . . small, easy-to-take tablets . . . *special sizes* for children and adults. Perfected by Dr. D. Jayne & Son, specialists in worm remedies for 100 years.

JAYNE'S P-W for PIN-WORMS

d-CON FLI-CON ENDED MY FLY PROBLEM ON MY ENTIRE FARM!

Scatter Spout

FLI-CON

Ready-Mix with ATREX

FLI-CON Ready-Mix, when scattered as directed on surfaces around barns, chicken coops and manure piles gets immediate fly control even in most infested areas.

ATREX attracts flies to bait . . . flies eat bait and die. FLI-CON is safe enough for dairy barns . . . flies do not develop resistance.

MONEY-BACK GUARANTEE

BULK SIZE Treats 25,000 sq. ft. $1.89

AVAILABLE AT DRUG, HARDWARE, FEED & SEED STORES

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for Quick, Safe
ASTHMA RELIEF

Why suffer the agonizing discomfort of bronchial asthma? For nearly 20 years AsthmaNefrin* has given welcome relief to thousands. Pocket-size nebulizer and ¼ oz. Solution "A"* just $6.75. Follow directions for best results. At leading drug stores or write for FREE 6-page booklet "Questions and Answers about AsthmaNefrin," P.O. Box 4319, Portland 8, Ore., Dept. 23.

*Reg. Trademark

END PLOW CLOGGING WITH STUBBLE Cleaner. Rakes loose grass, soybean straw or cornstalks into furrow while plowing. 2, 3 and 4 plow sizes available, mount behind all plows or under most rowcrop tractors. Write, D. F. Winter Manufacturing, Ceylon, Minn.

FARM FOR SALE. 160 A., gd. bldgs., 145 A. under plow So. Minn., good fishing country. Write or call Wm. M. Grosholz, Waterville, Minn.

Workday pointers

SOIL BANK ACRES offer an excellent opportunity to kill patches of Canada thistles or other perennial weeds.

▼ ▼ ▼

IF OATS were combined the least bit on the damp side, bins should be examined regularly for heating and spoilage.

▼ ▼ ▼

VOLUNTEER CORN makes soybean fields look bad, it will hurt yields, combining will be a harder job and the beans from such fields may grade lower than from fields free from corn.

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VACCINATION for cholera is insurance against hog losses. Disease insurance for hogs is

just as necessary as wind and fire insurance on buildings. The old cholera epidemics could come again.

▼ ▼ ▼

SOW PRICES usually go up a little from July to August and September. But you take two risks in holding sows at this time of year—they may get too fat for top sow prices, and there's a chance of death from heat.

▼ ▼ ▼

AUGUST SEEDING brings even stands of alfalfa, especially in the southern Corn Belt. But grasshoppers may be a threat. They often eat up the plants as fast as they appear. Be ready to spray for the pests.

▼ ▼ ▼

FOR AUGUST seeding of alfalfa, ground should be plowed as soon now as possible and worked down to a good seedbed. Ten to 15 pounds of seed per acre is recommended with no companion crop.

▼ ▼ ▼

REMOVAL of suckers on sweet corn does more harm than good says E. C. Wittmeyer, Ohio State University horticulturist.

▼ ▼ ▼

HEAVY GROWTH of alfalfa or brome grass cut and left on the ground is likely to damage the stand. On soil bank acres, damage can be avoided by chopping the crop and letting it fall back on the land.

▼ ▼ ▼

MITES in the poultryhouse can be controlled by spraying with lindane or malathion. One percent solutions are recommended by Earle Raun of Iowa State College. Apply one gallon on each 1,000 square feet. Then keep sparrows and pigeons out of the poultry houses and you should have no more mites.

▼ ▼ ▼

SPRAY MATERIALS should be clearly labeled and stored where children can't get to them.

▼ ▼ ▼

IRRIGATION in August helped corn yields in southern Illinois even after a July with normal rainfall. Four inches of water applied in August boosted yields 29 bushels per acre.

▼ ▼ ▼

CANADA THISTLES usually need a second spraying. If you hit them in the bud stage, then be ready to spray again when regrowth starts—probably in August.

▼ ▼ ▼

GALVANIZED steel farm buildings or roofs should be painted as soon as tiny specks of rust show up. Brush off the rust, and apply a good metal paint.

▼ ▼ ▼

YOUR CHILDREN who attend college can earn any amount during vacation and still you can get the $600 tax exemption for them on your return if you furnish more than half their support. The young man or woman can also get $600 exemption, but, of course, must file a return and pay any tax due.

There's "wool over your eyes" if you fail to feed your flock Morton T-M Salt

Morton TRACE MINERALIZED Salt for more wool, big lamb crop

MORTON T-M SALT helps you raise more lambs to market weight. Two or three extra lambs brings in enough to pay for about a ton of T-M Salt. Therefore, it is very low-cost livestock insurance.

College feeding trials conclusively prove the need for trace minerals in the rations of all livestock. Most farm lands are short of one or more of the essential trace minerals—**cobalt, iodine, iron, copper, zinc** or **manganese.** So feed Morton T-M Salt the year 'round to guard against mineral deficiencies . . . assure yourself of *more* milk, *more* meat, *more* wool and a higher return from each feed dollar.

The cost of Morton Trace Mineralized Salt over ordinary salt is less than 1¢ per animal per week. Feed it free choice, even if you feed a major mineral supplement. *You know they need it. They know how much.*

Always order Morton T-M Salt. It is the only kind you should use.

Less than ¾¢ more *Less than ⅓¢ more* *Less than 1¢ more* *Less than ¾¢ more*

MORTON TM TRACE MINERALIZED SALT

At your feed dealer's—bags or blocks.

"I'M KENNETH TILLMAN of Clarion, We've fed FELCO DAIRY SUPPLEMENT to our cows for years. I know FELCO is the best available. By buying cooperatively with more than 130,000 other Iowa farmers, we save money. See the manager of your own cooperative about FELCO."

KILL grasshoppers

with HEPTACHLOR

Young grasshoppers or old . . . little or big . . . Heptachlor gives you fast and complete kill. Only 2 to 4 ounces actual Heptachlor per acre . . . that's all you need.

- Safe to use . . . can be applied on crops up to 7 days before harvesting or pasturing . . . to roadsides and fence rows whenever grasshoppers appear.
- No unpleasant odor.
- Also can be used to kill armyworms, cutworms, sweet clover weevils and other forage crop insects.

Ask your dealer for Heptachlor . . . the safe, sure, and fast way to kill grasshoppers

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Consult your local service station, garage or tank truck operator today. He will help you pick the correct lubricating oils and greases to fill your needs . . . and cut your repair costs.

Wallaces' Farmer & Iowa Homestead

FEED BP Blended Protein

FEED of CHAMPIONS FOR MARKET OR SHOW RING

First in Leadership! First in Quality! First in Championships!

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ABERDEEN ANGUS

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20 Good rugged yearling bulls ready for heavy service. 20 Bulls about 1 year old. They are mostly Eileenmere. Some Sunbeam and Imported breeding. Also bred and open heifers of popular bloodlines.

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PRINCE QUALITY OF SUNBEAM

His progeny have quality and merit. Several excellent young bulls by him and our other herd bulls. BAR QUALITY M. B. by Prince Quality of Sunbeam, RAONAS PRINCE ERIC 21st by RLS Prince Eric 24th. We have the most fashionable families. Genuine Herd Bull Prospects. Act now. Farm 12 miles S.W. of Iowa City. Visitors always welcome. Phone Sharon Center 2 on 35.

MAAS BROS., RIVERSIDE, IOWA
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CHOICE FARMER BULLS

Rugged ANGUS bulls, ready for service . . . EILEENMERE-BELL BOY Breeding, nothing better. Will also sell EILEENMERE ERIC, a top 4 year old tried and proven sire. Genuine Herd Bull for someone. You can see his calves at Farm. REASONABLE. Will deliver FREE up to 150 miles. Act now.

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KATHMAR ANGUS FARMS
Want a Bardolier?
DONAHUE, IOWA

HERD SIRES:
BANDOLIER 60th OF WILTON
son of Black Bandolier of White Gates 2nd
BANDOLIER 7th OF WILTON
son of Evaders Quality Bandolier
Females: ANNUITY, BEAUTY OF HAYSTON, MISS BUMMER BURGESS, BLACKCAP BESSIES, ELBAS, ERICAS, KATINKAS, and many others.
DR. O. E. BLOCK
718 1st Natl. Bldg. Davenport, Iowa

ANGUS BULLS

Several choice bulls, serviceable age by BLUEBOY LAD 100th of IDA, and BANDOLIER 214th of WILTON. Also a few top bred heifers by same sires and mated to PRINCE E & B 252nd, first prize Junior Yearling National Angus Show and Iowa State Fair 1954. Genuine quality, breeding unexcelled. Act now.
ELMER J. JOHNSON, KIRON, IOWA

ANGUS BULLS

Choice two-year-old Bandolier bull, a son of GREAT OAKS ROSEMAR 4th, for sale. Also good young bulls ready for service. Top quality, richly bred, pleasing type. Best breeding. Priced to sell.
Farm 6½ miles west on Main Street.

WALTER & J. R. WILKINSON,
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HEREFORDS

CHOICE HEREFORD BULLS

10 to 30 Months Old

Sons of PEARSON DUKE 46th. They are Beefy Type Bulls, the kind everyone is looking for. Come and see. Visitors always welcome.

CHARLES AMOS & SONS
Indianola, Iowa

SLOW DOWN AND LIVE!

HEREFORDS

REGISTERED HEREFORDS

Bloodlines: Battle Pioneer 54th, Domino Heir G.; Real Heir L.

Bulls and Females for sale.

BUSH HEREFORDS LAKE PARK, IOWA

SKOW'S STOCK FARM

Horned Hereford Bulls, serviceable age. Also open heifers. Calfhood vaccinated for Bangs. Sired by TH LARRY ONWARD 25th 6745189, son of Thorp's famous MW Larry Onward 13th. Reasonable.
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POLLED HEREFORDS

ROBERT • GILES • LESTER
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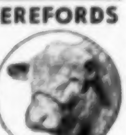
VIRGIL • JOE • NORBERT

Quality Polled Hereford Cattle
JOHN DITTMER & SONS, LACONA, IOWA

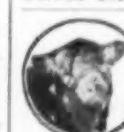
CURRAN POLLED HEREFORDS

For Immediate Sale



Choice Herd Bull prospects by CSF CHOICE DOMINO 2d, ALF. REAL ONWARD 16th, REGULATOR DOMINO 16th and CSF IOWA CHOICE 10th. Herd federally accredited, all females officially calfhood vaccinated.

Curran Stock Farm, Mason City, Iowa



POLLED HEREFORDS

We have some strong aged bulls ready for heavy service for sale and a fine lot of young bulls coming on for both breeders and farmers. One of the breed's best known herds.

Headed by: BATTLE MIXER, P. ANXIETY ASTER. Come look them over.

P. M. CHRISTENSEN & SON, LONE ROCK, IA

★ FOR SALE

Polled Hereford Bulls of serviceable age and younger. Sired by ROYAL DOMINO 17th and MISCHIEF DOMINO 14th. Also open heifers.
ERNEST DAY & SONS GRIMES, IOWA
10 Miles Northwest of Des Moines

SHORTHORNS

SHORTHORN BULLS

Excellent selection, serviceable age, dark reds by our Perth Winner, CLUNY POLOUS, Imp. REASONABLE.
FLOYD FANNING NEMAHA, IOWA

HOMESTEAD FARMS

SCOTCH SHORTHORNS

Choice bulls and females from service of SHANER ROYAL LEADER 5th and FIRELIGHT COUNT. REASONABLE.

C. H. & R. D. ARTHUR, SPIRIT LAKE, IOWA

POLLED SHORTHORNS

HILL BROOK FARM

POLLED SHORTHORN bulls, serviceable age with size and quality, by V. V. ROYAL LEADER 10th and SHADYBROOK COMMAND 53d. Priced right.
OTTO F. SCHRUNK & SONS, MAPLETON, IA.

SHADYBROOK FARMS
Production-Tested POLLED SHORTHORNS
The only profitable kind.
Always choice Bulls for sale.
BERT A. HANSON, VERNON CENTER, MINN.
Farm 30 miles north of Iowa line on U. S. 169

Polled Shorthorns For Sale

Entire herd for sale. Established in 1930. Seventeen cows and heifers bred to COLLYNIE IDEAL 2765-206 to calve this fall. Also 7 open yearling heifers and 1 yearling bull. Dark reds and dark roans. Priced to sell.
ALBERT J. LARSON AYRSHIRE, IOWA

Coming August 1....

"4x4"

THE AUTOMATIC PIG

It's Automatic!—Makes every ear of corn you raise look 6 inches longer! Watch for details!

Cholera Still Threat To Hogs

Iowa swine producers may be faced with a serious widespread outbreak of hog cholera if the past two years' trend away from vaccination continues, according to Dr. Maynard Spear, extension veterinarian at Iowa State College.

Preventive vaccination, he says, has fallen off until 30 percent, or less, of Iowa's swine herds are protected against cholera. This means that the disease might spread faster than susceptible herds could be vaccinated.

Deadly Disease

Hog cholera, Spear points out, is still a deadly disease. Little can be done to save a herd once cholera becomes established on a herd basis.

Spear says hog cholera outbreaks have appeared to come in 10 to 15 year cycles. The last widespread outbreak was in the middle 1930s. Spear reports many observers feel the present cycle has been prolonged because of the continued favorable price of hogs, with the result that the use of preventive vaccination also held up in comparison. With lowered hog prices the past two seasons the vaccination program has fallen off rapidly.

The shift away from virus and serum to the attenuated virus vaccine has been rapid the past two years. The virus vaccines, Spear says, appear to be performing acceptably when used with a simultaneous dose of immune serum.

Can Spread Cholera

It is important that only healthy swine be vaccinated. Spear warns that this is equally true regardless of the method of vaccination used. Vaccinated swine may be spreaders of cholera for a period of two to three weeks after vaccination. Therefore unvaccinated animals should be isolated from those already immunized.

Swine may be vaccinated against cholera any time after they reach five weeks of age, provided they are growing rapidly and are free from parasites, both external and internal. All recently vaccinated swine, Spear says, should be closely observed for any adverse reaction. If any sick pigs are noticed a veterinarian should be called at once.

Good swine producers, he points out, consider vaccination a part of their management programs. They notify their veterinarians ahead of time as to when they would like to have their herds vaccinated.

DAIRY CATTLE

NOTICE—Dairy Calves. If calves are shipped or delivered on approval, full responsibility is assumed when purchaser accepts delivery. Remember calves are young, some are small, which much be considered when buying.

WANTED—ORDERS for high grade Wisconsin dairy heifer calves. Holstein and Guernsey. Bangs tested and vaccinated for shipping fever. Delivered by our truck, C.O.D. your farm in lots of 5 or more. Dairy heifers, open, bred and springing. Also cows available. Jay Sheafor, Jr., Richland Center, Wisconsin.

HOLSTEINS AND GUERNSEYS

Choice Dairy Heifers from 850 to 900 pounds. HOLSTEINS 13½c per pound. GUERNSEYS 11c and 12c per pound. All heifers sold by pound. Also springing cows and heifers. Write or call
LINK BROTHERS, Inc., MINONG, WISCONSIN

TOP QUALITY
Holsteins, Guernseys, Brown Swiss.
All ages. Priced right.
J. M. McFarland, Watertown, Wisconsin

WISCONSIN'S GOOD QUALITY
HOLSTEIN AND GUERNSEY DAIRY HEIFERS AND HEIFER CALVES
Any age. Will deliver any sized order on approval by truck.
ROSS BLOTT, Box 527, MUKWONAGO, WIS.

HOLSTEINS

HOLSTEIN BULLS

Choice registered bulls offered, serviceable age, fine individuals by Proven Sires from our best Dams for TYPE, UDDER and HIGH PRODUCTION. Popular blood lines. REASONABLE.
MAYTAG DAIRY, Inc., Bx. 506, NEWTON, IA.

WISCONSIN HOLSTEINS AND GUERNSEYS
CHOICE COWS, HEIFERS AND CALVES
Delivered on approval
JAMES E. WELCH, R. 1, MUKWONAGO, WIS.

HOLSTEINS FOR SALE
MONTH OLD FOUNDATION HEIFERS.
Tested. Delivered your door collect. 50 or more on hand. Inspection invited.
GLENN CLARKE, Rt. 10, SO. ST. PAUL, MINN.

HOLSTEINS

Choice Registered and grade Calves, and bred heifers. Popular breeding. BANG'S and T.B. Tested.
GEORGE PIPER FARM, WATERTOWN, WIS.

JERSEYS

GOLDEN SUNSET JERSEYS

Registered JERSEYS since 1899. Too many young bulls and bull calves. From May 15 to Sept. 1, we offer at lowest prices in years. Send now for FREE list. BILTMORE and IMPORTED breeding.
ENNIS JERSEY HERD FESTUS, MISSOURI

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J. E. HALSEY, 1912 Grand Ave., Des Moines. Phone: Office CHerry 3-6181; Res. CRestwood 7-3645.
THOS. W. SHERLOCK, Box 3, Oxford, Iowa. Phone 8-4307.
ARCH STONE, 1912 Grand Ave., Des Moines. Phone: Office CHerry 3-6181; Res. CRestwood 9-6995.
We publish the FIRST and THIRD Saturday of every month. Copy for livestock advertising must reach our office FIFTEEN days before date of issue.

Coming Livestock Sales

ANGUS

Aug. 8,-9—American Futurity Show, St. Louis, Mo.
Aug. 27—Rose & McCrea Cow and Calf sale, Maysville, Mo. J. B. McCorkle, Sale Mgr., Smithville, Mo.
Sept. 10—Wilton Farms, Otto and Dick Nobis, Cow and Calf sale, Davenport, Iowa.
Sept. 17—Central States Angus sale, Marshalltown, Iowa. Clair G. Mason & Son, Mgrs., Box 248.
Sept. 22—E. W. Thompson, Sedalia, Mo.
Oct. 1—Davis County Angus Breeders, "Bargain Day and Club sale," Bloomfield, Iowa. Phillip Fuller, Secy., Milton, Iowa.
Oct. 6—Treasure Acres Calf sale, Blairsburg, Iowa.
Oct. 6—Beefland Calf sale, DeWitt, Iowa. Walter Olson, Jr., Mgr., Calamus, Iowa.
Oct. 8—Minnesota Breeders sale, Pipestone, Minn. Clement C. Chase, Secy., Box 669.
Oc. 13—Viewlawn Herds Production and 4-H Club Calf sale, Mabel, Minn. Maurice Boney, Sale Mgr., Box 740, Sorm Lake, Iowa.
Oct. 13—Lawnview Angus Farms, Mabel, Minn. Maurice Boney, Sale Mgr., Box 740, Storm Lake, Iowa.
Oct. 19—Woolever and Pollock, Unionville, Mo.
Oct. 20—C. H. Hauk, Cassville, Wis.
Oct. 24—Grand River Angus Breeders, Princeton, Mo. Marion Summers, Secy.
Oct. 27—Hawkeye Angus Breeders, All Female and Calf Club sale Cedar Rapids, Iowa. Albert H. Stuart, Secy., Newhall, Iowa.

HEREFORDS

Sept. 7-8—Western Illinois Breeders Association, Mt. Sterling, Ill. Robert Allen, Secy., Warsaw, Ill.
Sept. 15—White Gates Farm, F. R. Moffet, Tipton, Iowa.
Sept. 22—Clark Grandfield, Lorimer, Iowa.
Sept. 22—Northeast Iowa Breeders, Postville, Iowa. John M. Hoover, Secy., Elkader, Iowa.
Sept. 29—John Dittmer & Sons, Lacona, Iowa. Sale at Knoxville, Iowa.
Sept. 29—Herbert Killian, Forest Grove Farm, (Dispersion) Cedar Rapids, Iowa.
Sept. 29—Lamport Ranch, (Calf sale) Britton, So. Dak.
Oct. 4—Ralph Bramer, Carlisle, Iowa.
Oct. 6—Circle A Hereford Farm, Morris, Ill.
Oct. 8—Gerken Hereford Farms, Oelwein, Iowa.
Oct. 15—Thorp Hereford Farms, All Star sale, Britton, So. Dak.
Oct. 26—Wisconsin Hereford Breeders, Lancaster, Wis. Homer Graber, Mgr., Mineral Point Wis.
Nov. 1—Northeast Missouri Breeders, Memphis, Mo. Vernon Winkler, Secy., Memphis, Mo.
Nov. 3—Leland Shupe, Mendon, Disselhorst Farms, Quincy, Ill. J. Dwight Ernst, Mgr., Hamilton, Ill.
Nov. 3—Orval Burchett & Sons, Hereford Ranch, Grand River, Iowa. Wayne O. Burchett, Mgr.
Nov. 8—Spring Creek Ranch, Green Castle, Mo. Vernon Winkler, Mgr.
Nov. 10—Western Illinois Breeders Assn. calf sale, Macomb, Ill. Robert Allen, Secy., Warsaw, Ill.
Nov. 14—Bianchi & Sanford, Macon, Mo.

POLLED HEREFORDS

Sept. 24—Chas. Hart & Son, Conway, Iowa.
Oct. 9—Southeastern Iowa Polled Hereford Association, Oskaloosa, Iowa. Calvin Cruzen, Mgr., New Sharon, Iowa.
Nov. 15—North Missouri Breeders, Chillicothe, Mo. Guy Tompkins, Secy., Lewistown, Mo.
Dec. 8—Illinois Polled Herefords, Princeton, Ill. Ernest Painter, Secy., LaHarpe, Ill.
Feb. 5—Northwestern Polled Hereford Breeders show and sale, Sioux City, Iowa. E. L. Baxter, Sale Mgr., Galva, Iowa.

SHORTHORNS

Sept. 1—Howard Hildreth, (Dispersion) R. 3, Estherville, Iowa. Sale at Spencer, Iowa. Albert Albert J. Hamann, Sale Mgr., Rock Rpaids, Iowa.
Sept. 18—P. A. Rasmussen & Sons, Goldfield, Iowa, and C. J. Schutjer, Wooden, Iowa.
Sept. 22—Hawkeye Downs annual Fall sale, Cedar Rapids, Iowa. Earl S. Girton, Mgr., Box 321, Marshalltown, Iowa.
Sept. 26—L. and A. T. Robinson, Masonville, Iowa.
Oct. 8—Carl Retzlaff & Sons, Dan & W. G. McCubbin, Elkhorn, Nebr., and Lloyd Davis, Oakland, Iowa. Sale at Retzlaff farm, Walton, Nebr.
Nov. 10—Central States Breeders, Oskaloosa, Iowa. C. E. Stewart, Sale Mgr., Rose Hill, Iowa.

POLLED SHORTHORNS

Sept. 15—Hawkeye Downs annual Fall sale, Cedar Rapids, Iowa. Earl S. Girton, Mgr., Box 321, Marshalltown, Iowa.
Sept. 25—Sioux Empire Polled Shorthorn Club, Sioux Falls, So. Dak. Albert J. Hamann, Sale Mgr., Rock Rapids, Iowa.
Oct. 1—Northwest Missouri Breeders, Rockport, Mo. Dr. L. W. Landfather, Mgr., 412-W. Second St., Maryville, Mo.
Oct. 3—Harry Swanson, Holstein, Iowa.
Oct. 13—Illinois Polled Shorthorn Breeders, Springfield, Ill. Hal Longley, Sale Mgr., 16 S. Locust St., Aurora, Ill.
Oct. 29—Missouri Breeders, Sedalia, Mo. Rollo E. Singleton, Sale Mgr., Jefferson City, Iowa.
Nov. 2—Iowa State Polled Shorthorn Club Inc. sale, Boone, Iowa. Wayne A. Carr, Secy., Cincinnati, Iowa.
Nov. 5—L. E. Mathers & Son, Mason City, Ill.

DAIRY CATTLE

Sept. 22—Centralia Farms, (Registered Holstein Heifers) Nevada, Iowa. Claude E. Wylam, Sale Mgr., Waverly, Iowa.
Nov. 17—Robert McCuen, Yale, Iowa (Holstein Dispersion). Claude E. Wylam, Sale Mgr., Waverly, Iowa.

HOLSTEINS

Aug. 24—Rellum Dispersal, Wellman, Iowa, Victor Mueller, owner, Lone Tree, Iowa. Claude E. Wylam, Sale Mgr., Waverly, Iowa.
Sept. 7—Hawkeye Downs Festival show and sale, Cedar Rapids, Iowa. Claude E. Wylam, Sale Mgr., Waverly, Iowa.

FEEDER CATTLE

Oct. 2—Davis county, Bloomfield, Iowa.
Oct. 11—(Evening sale) All Club Calf saleß Bayard, Iowa. W. C. Robertson, Sale Mgr., Bayard, Iowa.

HAMPSHIRES

July 30, 31—Hampshire National Type Conference, Sioux Falls, So. Dak.
Sept. 24—(Night sale) Iowa State Breeders, Ankeny, Iowa. Emery Riemenschneider, Secy., Pierson, Iowa.
Oct. 1—John Volk & Sons, Battle Creek, Nebr.
Oct. 1—(Night sale) McGuire Hampshire Farm, Wisner, Nebr.
Oct. 2—(Night sale) Dean Snyder, Good Hope, Ill.
Oct. 5—(Night sale) Lettow Bros., Alden, Iowa.
Oc. 20—C. H. Hauk, Cassville, Wis. Iowa.
Oct. 8—Allen Lang & Son, Brooklyn, Iowa.
Oct. 8—(Night sale) C. T. Keen & Son, LeGrand, Iowa.
Oct. 11—(Night sale) Robertson Hampshire Farm, Columbus Junction, Iowa.
Oct. 16—(Night sale) Lee Norris, Fremont, Iowa.
Oct. 17—(Night sale) Dale McGraw, Pleasantville, Iowa. Sale at Knoxville, Iowa.
Oct. 18—Harry Knabe & Son, Nehawka, Nebr.
Oct. 20—(Nirt sale) Cecil Wilson, Lenox, Iowa.
Oct. 22—(Night sale) Fred Michaelsen, Ida Grove, Iowa.
Oct. 23—(Night sale) Howard Soorholtz & Son, Melbourne, Iowa. Sale at Marshalltown, Iowa.

LANDRACE HOGS

Aug. 3—(Night sale) Koch, Knickerbocker & Clark, Hampton, Iowa.
Aug. 9—(Night sale) Don Koch, Albert & Martin Clark, Garnivillo, Iowa.
Sept. 1—Ma-Ko-Ta Farms, Ames, Iowa. Sale at Boone, Iowa.
Sept. 5—(Night sale) Iowa State sale, Boone, Iowa. Howard O. Koch, Secy., Ames, Iowa.

POLANDS

Oct. 4—Helgens Bros., Monticello, Iowa.

TAMWORTHS

Sept. 26—(Night sale) Lee Winther, Wisner, Neb.

YORKSHIRE

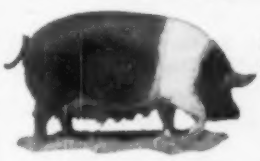
July 24—National Yorkshire Type Conference and Sale, Indianapolis, Ind. Martin E. Gannon, Secy., Am. Yorkshire Club, Inc., Dept. T, Lafayette, Ind.
Aug. 11—(Night sale) Bob Walters, Eldora, Iowa.
Sept. 24—(Night sale) Jim Henderson, Colo, Iowa.
Sept. 29—(Night sale) F. L. Jackson & Sons, Lytton, Iowa.

SHEEP

Aug. 6—Missouri Suffolk Ram and Ewe sale, Memphis, Mo.

18 YEARS OF CONSTRUCTIVE GUIDANCE IN THE MEAT INDUSTRY

18th Annual National Hampshire Meat Hog Conference



Sioux Falls, S. D.
July 29, 30, 31

These annual events are universally regarded as the strongest force in guiding meat improvement known to the swine industry. A full presentation of breeding stock, barrows, and carcasses; judging contest for all, with generous prizes; round table discussions of all facets of hog growing—centering on greater meat value and dependable production returns. A program rich in information, inspiration, and pleasure—All Free!!

TWO GREAT AUCTIONS

BRED FALL GILTS mated to the top sires from across the nation, sell on Monday evening, July 30.

SPRING BOARS AND OPEN GILTS sell on Tuesday afternoon, July 31. Both sales list only foundation stock from dependable proven strains of breeding.

Enjoy these splendid, crowded days in this "Land of Infinite Variety". A real vacation with a profit-dividend. For souvenir catalog, room reservations, or information contact:

HAMPSHIRE SWINE REGISTRY
1111 Main St. Phone 4-9134 Peoria, Illinois

TWO LANDRACE AUCTIONS

AUGUST 9
30 Production tested boars and 20 bred sows and gilts at
GARNAVILLO, IOWA, AUGUST 9
8:00 P. M.

These boars were put on test by Garnavillo Mills when they weighed 40 lbs. They were individually weighed and tested for rate of gain. Feed conversion data, cost of gain, and backfat measurements will be available.
Use a tested boar for '57, and you will be years ahead with production tested Landrace.

AUGUST 3
60 Bred sows and 15 production tested boars at the New Fairgrounds
MASON CITY, IOWA, AUGUST 3
8:00 P. M.

Offering includes top quality sows bred to a battery of production tested boars. These sows have produced outstanding spring litters and the gilts are well grown out.
74 Boars and gilts weighed and probed thus far have averaged 231 lbs. at 180 days with 1.10 inches backfat at 200 lbs. on an all corn ration.

Send now for your FREE catalog. Please mention this publication. Address

DON KOCH Latimer, Iowa — **ALBERT & MARTIN CLARK** Kanawha, Iowa — **G. N. KNICKERBOCKER** Radcliffe, Iowa

ALL CLUB CALF SALE
ANGUS - HEREFORDS - SHORTHORNS
Steers and Heifers for 4-H and FFA Club Projects.
October 11, 5:30 P. M., Bayard, Iowa
Sale will be held in a tent, in conjunction with the Iowa Farm and Home Improvement Show.
Entries Are Now Being Taken
A $10 per head entry fee will cover all sale expenses. Send your fee with entries to:
W. C. ROBERTSON, Sale Manager, BAYARD, IOWA

PAW TUCKER—Birds are fine—in their place

READ THIS PLEASE

A feed or a concentrate is no better than the ingredients and formulation use by a manufacturer, no matter who the company is or how big they are. The Bolson Co. asks that you compare their products with what you are now feeding. Do this next time you need feed.

L. C. BOLSON CO. DECORAH, IOWA A NAME YOU CAN TRUST IN FEEDS!

Angus Futurity

Futurity Time! The premier Angus show of the season! New classification schedule! New location! Big prize money! Trophies! All of these add up to the ninth annual show of the American Aberdeen-Angus Breeders' Futurity to be held in St. Louis, Mo., on Aug. 8 and 9. The show will be held in Exhibition Building "B" adjoining the arena at 5700 Oakland Ave., just across the street from beautiful Forest Park.

The female show will start at 8:00 a.m. (central daylight saving time) on Wednesday, Aug. 8. At 12:30 p.m., the Women's auxiliary will have a luncheon at the Frontier Room of the Montclair. The afternoon will be free for visiting and sightseeing. At 6:30 p.m., Aug. 8, the annual banquet will be held in the world famous Chase Club of the Chase Hotel. The Chase and Park Plaza Hotels have been designated as headquarters for this year's event, and room reservations should be made direct. Both are located near the site of the show.

Again at 8:00 a. m. on Thursday, Aug. 9, the judging will resume with all of the bull classes scheduled before lunch time. In the afternoon at 2:30, the presentation of the premium checks and awards will be made, followed by the selection of the grand champion bull and female, and being concluded by the selection of the supreme champion of the entire show.

W. C. ANDERSON DIES

W. C. Anderson, West Liberty, Iowa, pioneer breeder of Poland China hogs and the senior member of the nationally known Shorthorn firm of W. C. Anderson & Son, died at his farm home five miles south of West Liberty July 7 after an illness of about three months. He was 76 years old.

He had served as director of the American Poland China Association and has judged many of their major shows and leading state fairs.

Surviving are Mrs. Anderson, a son, William, Jr., a daughter who lives in Minnesota and six grandchildren.

Angus Field Day

The Eastern Iowa "Beefland" Angus Association will hold its field tour Sunday, July 28, starting at 9 a.m.

You are invited to gather at the Yates and Eller farm north of Tipton. Bring your basket and a picnic dinner will be arranged for noon with the association furnishing free pop and coffee.

Besides the Yates and Eiler herd, they plan to visit J. Moffit, Floyd Spear & Son, Willard Eller of Stanwood, John Walshire and Gorman Robinson of Mechanicsville and Jim Irons & Sons, Clarence.

The cost of pumping water to irrigate a one-fourth acre garden is less than $5 a season, according to Ohio State University extension engineers.

HYBRID HOGS

HYBRID HOGS
Meat Type Hybrid — Get the Full Story
1. Save 20 lbs. feed per 100 lbs. gain.
2. Raise 1-2 more pigs per litter.
3. Go to market 2 weeks sooner.
HERE'S PROOF. Over 2 million pigs sired by Wilson Hybrid Boars—800 customers—8 years continuous increase in sales. Vaccinated for Cholera and Erysipelas, blood tested. Guaranteed breeders Free delivery. Write for free literature. Dealership available.
WILSON HYBRID HOG ASSN., Harlan, Iowa

MEAT TYPE BOARS
We have best quality boars to offer the year around. Our boars will contribute HYBRID vigor, stronger pigs, better mothers, faster gain, on less feed per 100 lbs. of gain. Larger litters, raised to market, and a solid MEAT TYPE carcass. Save $50 to $75 per boar and buy direct. No salesman's commission to pay. Our strains are exclusive. All animals guaranteed to be clean and breeders.
McALLISTER SEED FARMS
Mt. Pleasant, Iowa

INBRED HOGS

LUCIE HYBRID BOARS
The only herd backed by 17 years performance testing.
1. Save 10 to 20% on feed.
2. Produce MEAT-TYPE hogs.
3. Raise more pigs per litter.
4. Go to market 2 weeks earlier.
1½ Million pigs sired by LUCIE HYBRID BOARS
Guaranteed breeders. We deliver. Phone 265F6. Farm 1½ miles northwest.
LUCIE HYBRID HOG FARM, Augusta, Illinois

LIKES HYBRID BOARS
Minnesota No. 1, No. 2, No. 3 Montana No. 1 Inbred and Incross
ELWIN FEHR EUREKA, ILL.

LANDRACE HOGS

AMERICAN LANDRACE
Purebred Boars, excellent breeding, type desired for crossbred litters that mature fast, MEAT-TYPE. Gilts and Sows bred for Jan., Feb. and March farrow. (Delivered.) Reasonable.
J. H. SCHROOTEN R. 1, FAIRMONT, MINN.

LANDRACE

LANDRACE SALE
30 Bred Gilts, 15 Open Gilts, 25 Boars
SATURDAY, SEPT. 1 — 7:30 P.M.
Boone Co. Fairgrounds, Boone, Iowa
The LANDRACE sale of the year. Proper matings. Careful selections, using only top imported and domestic sows and boars. Iowa Brucellosis free herd No. 201. Premier Winners, 1955 Iowa Landrace Show. Stay ahead with experience. Write for Catalog.
MA-KO-TA FARM, Rt. 1, AMES, IOWA

REGISTERED
AMERICAN LANDRACE
Iowa State College foundation stock since 1948
FOR IMMEDIATE SALE
Weanling pigs, boars, gilts, also bred sows and gilts. SIRED BY: J. H. Landlord of Lady Gillebo and Spangteda breeding, imported in dam, also Iowa State College and USDA (Beltsville) blood lines.
HAROLD F. MEARS
Rt. 3 JEFFERSON, IOWA

IOWA LANDRACE
Directory
Following Breeders now offering Quality LANDRACE:
RICHARD HUMMEL, R 1-A, Spencer, Ia.
VICTOR V. JOHNSON, Ankeny, Ia.
MA-KO-TA FARM, R-1, Ames, Ia.
M. W. MARTIN & SON, Hancock, Ia.
WESTWIND FARM, Don & Ed Lee, Letts, Ia.
ALBERT & MARTIN CLARK, Kanawha, Ia.
DON KOCH, Latimer, Iowa
G. N. KNICKERBOCKER, Radcliffe, Ia.
DOWDEN & SON, Conrad, Iowa
Write to any of the above for FREE information.

MONTANA No. 1

MONTANA NO. 1
Choice Boars and Gilts, November and December farrowed. Well-grown, desirable breeding. REASONABLE.
TED SCHOTZKA & SON, SPRINGFIELD, MINN.

YORKSHIRES

IOWA YORKSHIRES
BREEDERS ASSOCIATION
For FREE information about YORKSHIRES and list of Iowa Yorkshire Breeders. Write now
JIM HENDERSON, Secy.-Treas. COIN, IOWA

SHEEP

Missouri
SUFFOLK
RAM and EWES
Fair Grounds
MEMPHIS, MO., MONDAY, AUG. 6
Rich breeding, choice individuals. Ask now for FREE catalog. Write
P. V. EWING Jr., Box 86, Columbia, Mo.

DOGS

NOTICE—Unsatisfactory dogs must be returned within time specified by advertiser. Buyer always pays express charges (both ways if dog is returned) unless advertiser states in advertisement that he will do so.

— BEST YET —
ENGLISH SHEPHERD PUPS
Guaranteed to bring home the cows. Year's trial. Choice of sex. Spayed females a specialty. Priced right.
CLOVERDALE FARM ACKLEY, IOWA

Genuine English Shepherd and Border Collie Pups. (Either sex—also spayed females $15.00.) Order direct from this ad. Give color. (Satisfaction guaranteed.) 65,000 satisfied customers. (45 years on same farm.) Stepsaver-heeldriving farm dogs. No fooling. Training instructions, year trial, distemper vaccinated. Runfts Kennels, Reinbeck, Iowa.

Purebred Border Collies English Shepherds America's most useful dogs. Puppies all ages. Both sexes. Choice colors. Faithful workers. Satisfaction guaranteed.
We breed and sell our own stock.
FAIRMOUNT FARMS CEDAR FALLS, IOWA

SHOMONT COLLIES
Workers — Companions — Guards. Shepherd puppies from working stock. Write for free lists.
SHOMONT FARMS AND KENNELS
MONTICELLO IOWA

GENUINE ENGLISH SHEPHERD PUPS
DISTEMPER VACCINATED
Guaranteed heelers. Year's trial, training instructions. Males, females or spayed females.
HIGHVIEW KENNELS, CEDAR FALLS, IOWA

GENUINE
ENGLISH SHEPHERD PUPS
Guaranteed heelers, year's trial. Males, females, spayed females $15.00. Training instructions. Distemper vaccinated. Also Registered Collies.
DEAN FLEMING TRAER, IOWA

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Successful sales for leading breeders. Life-time experience all types of livestock. Rates reasonable. Ph.: Office CHerry 3-6181; Res. CRestwood 7-3645
J. E. HALSEY, Box 1317, DES MOINES, IOWA

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REPPERT SCHOOL OF AUCTIONEERING
Box 8, Decatur, Indiana

Of folks and farming

By Chuck Worcester,
WMT & WMT-TV

CORN ON THE COB is the unchallenged favorite at our house. Of all the summertime vegetables, the first few ears from a new crop of sweet corn taste the best. After one of Mom's usually fine suppers featuring enough corn on the cob to feed a small army, Steve asked what we were having for dessert. Before anyone else could answer, Julie piped up with a twinkle in her eye, "More sweet corn."

DR. CHARLES J. LEWIS has joined the Nutritional Department of Kent Feeds, Muscatine, Iowa. Dr. Lewis worked closely with Dr. Damon Catron, of Iowa State College, in research work with baby pigs on palatability and starters. He received his Doctorate in Animal Nutrition with a thesis on enzyme secretion in baby pigs and enzyme supplementation (pepsin) of their diets. He also had done work with Dr. Balloun in poultry nutrition as well as study in veterinary physiology. Charley Lewis is a Marine Corps veteran raised in the Red River country of North Dakota. He brings to Kent a lifetime farm background as well as his 8 years of college and research work.

THE OLD STRAWBERRY BED can last another year if it's managed properly. Several years ago one of our good listeners suggested a simple procedure. Run the cultivator right through the patch lengthwise. Tear it up good. Then hoe out about half of the rest of the plants. Rake out all the trash and fertilize. The old plants remaining will send runners into the cultivated ground.

QUALITY SHOWS UP IN THE FEEDLOT and that goes for both livestock and feed. Quality livestock gain faster, have a better feed conversion and dress out better. Of course, the better the quality of feed you use, the better they will gain . . . with less total feed cost. Kent cattle supplements are made from the highest quality ingredients obtainable and are still sold at a reasonable price. It will soon be thirty years since the first bag of Kent Baby Beef was produced. It has led the field in quality and performance ever since. I'd suggest you talk to one of the many leading cattle feeders using Kent. If you don't know one, drop me a card, c/o Kent Feeds, Muscatine, Iowa, and I'll get the name of one living near you.

DAVE AND STEVE are having twice the usual fun fishing this summer. They've been seining the creek in spare time and transferring the miscellaneous catch to the pond just south of the house. They have the fun of a cool project on a hot summer day and also hope eventually to catch the same fish again . . . by hook. So far, though, there must be too much good food available for the fish—not a single nibble on angle worm bait.

INTELLIGENT MANAGEMENT OF PULLETS is essential to a successful poultry operation. Going to press soon is a revised edition of the Kent Golden Egg Program. Management tips, information and advice are up to date and proved by the results from thousands of flocks serviced by Kentmen. One bit of advice you might bear in mind is to worm your pullets before housing. Kent Tonic Wormer is effective, safe and easy to use.

THE BEST IN YOUNGSTERS often comes out just at the right time. We were sure that 4-year-old Rickie had absolutely no concern for tender garden crops. He seemed to prefer to walk on the rows instead of between them. But while visiting at the home farm recently, he started out the door to help Grandpa with some weeding . . . paused a moment and said to Grandma, "You don't need to worry about your garden, Grandma, I know how to step over things."

AN EASY WAY to finish your hogs is to feed them free-choice, letting them balance their own ration with home-grown grains and supplement. However, for this method to be successful you must use a finishing supplement correctly formulated to give the proper nutritional balance . . . one that the hogs won't over-eat. All the Kent supplements fit this requirement. However, your equipment, grains or labor may be so set up that you prefer to feed a complete ration. If so, Kent will fill the bill. Ask your Kent dealer for up-to-date recommendations for grinding and mixing, or write to me c/o Kent Feeds, Muscatine, Iowa. (Advertisement)

KENT FEEDS, Muscatine, Iowa—Sioux City, Iowa

For further information about any of the products shown here, write to Wallaces' Farmer and Iowa Homestead, Des Moines, Iowa.

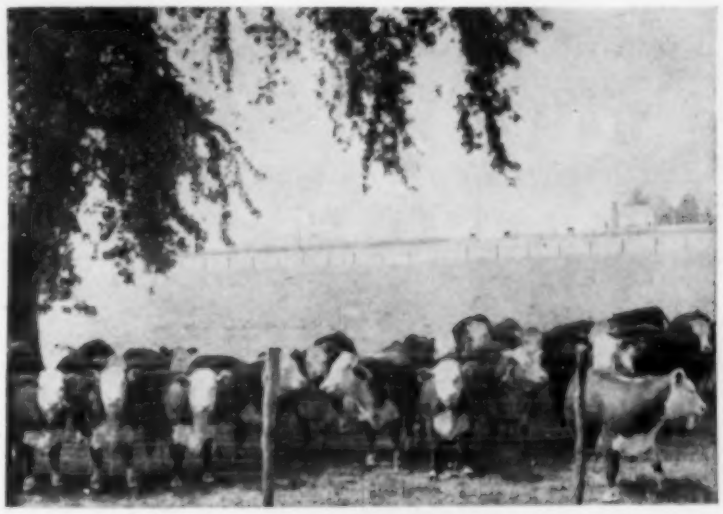
Livestock chute can be used for cattle, hogs and as a trailer. Removable panels give access at the sides for surgery, branding, or hoof trimming. Well-suited for de-horning. Can also be used as a hog chute or loading chute. Available in portable and stationary models. All metal construction. Made by Ranger Products Company.

One man saw delivers seven horsepower but weighs only 29 pounds. Said to bring down trees up to 10 feet in diameter. All-angle carbureter eliminates adjustments for upside down cutting. Made by Homelite.

New roll-away nest has 10 individual laying compartments. Interior is painted black for laying house atmosphere. Warm plastic laying screen for maximum hen comfort. Many other modern features. Made by Storm Industries, Inc.

Hay becomes dry in half the time with this new hay conditioner. The swath is swept up and crimped in meshing rolls. Thus moisture is allowed to escape from stems so they dry as quickly as leaves. Made by Ray Cunningham and Sons, Inc.

Special duty distributor points for tractors are designed for better performance under continuous low speed operation. Said to fit many makes and models of tractors equipped with Auto-Lite distributors. Offered by Electric Auto-Lite Co.



Ranges and pastures hold a lot of cattle this year. Dry weather over large areas could bring a flood of cattle to markets. It's something for cattle feeders to watch.

What's Ahead...

HOG SUPPLIES will be about the same as a year before until October. From October to January, hog supplies will be around 13 percent lower than a year before. In the first half of next year, markets will receive about seven percent fewer hogs than in the first half of this year. That's indicated by the June Pig Crop Report.

Homer Hush

HOG PRICES, as a result, are likely to be relatively steady this summer, with the price drop not as sharp as usual. But hog prices won't be above last year's levels until October or November. Then the cut in late spring pigs should start to affect the market.

HAY will be relatively costly this year. Plan now to make as full use as you can of your available forages.

IOWA CORN CROP is estimated at 543 million bushels, according to the Iowa Crop and Livestock Reporting Service. This is up four percent from last year's 522 million bushel yield. But Iowa oats and hay yields are down 44 and 30 percent from last year's production. National corn production is estimated at 3,266,688,000 bushels. See page 11 for the details on the July 1 crop report.

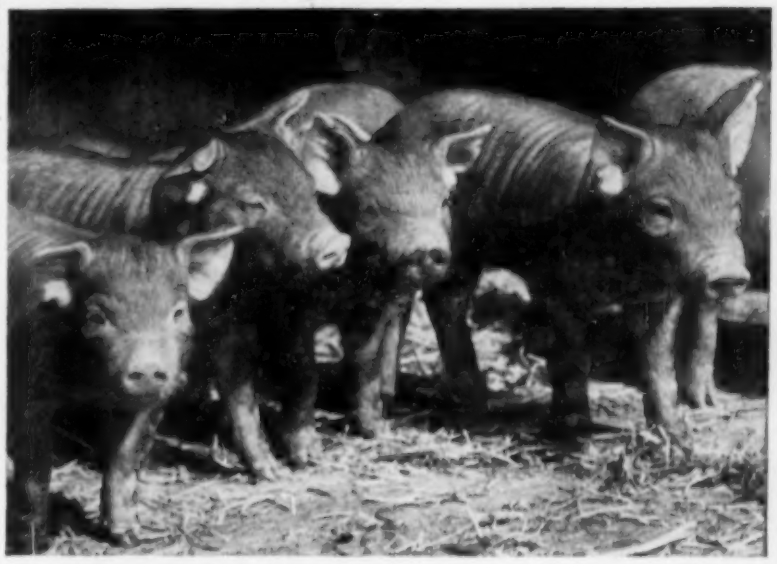
EGG PRICES are expected to stay above last year's levels until early fall. But the large number of early hatched chicks will start the price decline earlier than it came last year. Egg supplies thru the winter may be expected to be moderately heavier than for last winter.

SOYBEAN HARVEST time is about two months away. Bean prices are likely to work lower until that time. Last year, bean prices at harvest were at the loan level of $2.04. It's possible that bean prices at harvest time this year will be near the new loan level of $2.15. For acreage is very large.

This is the time of year when holding old soybeans becomes very speculative.

GRASS SEED may be in big demand next year on account of the soil bank in the farm program. It appears to be a good year to harvest all of the seed you can. And it might pay to buy seed this fall rather than next spring.

PLAIN CATTLE have been selling rather good, compared with top cattle. However, this spread is likely to widen in the coming months. The man who has some cull cows, heifers and the like to sell, probably will be better off to sell this summer rather than hold into fall. We will have a heavy run of grass cattle this fall. Cattle don't gain too well during the summer anyway, what with flies and dried-up bluegrass pastures.



Save feed dollars—from 4 to 10%—with faster growing, healthier pigs. Start your pigs and raise them on feeds fortified with low-cost Arsanilic Acid.

Arsanilic Acid--

Newest *Gain-Booster* for Hogs

Hog growers who have used Arsanilic Acid call it a *real* help in cutting feed bills...and getting hogs to market faster.

Now you can get *both*—faster and cheaper gains.

How? By combining good management with top-notch feeds containing the new *low-cost growth stimulant* Arsanilic Acid. Corn Belt farmers who have already used feeds containing Arsanilic Acid report that it helps three ways...

1. Greater, faster gains on less feed. Stretches feed dollars!
2. Fewer runts—uniform marketing.
3. Works with antibiotics for the safest, surest protection against scours.

Test after test has shown that adding Arsanilic Acid *makes even the best feeds better!* And, even more important, it pays for itself many times over!

In University of Minnesota tests, pigs receiving starter rations supplemented with Arsanilic Acid made *6 to 47% greater gains* and showed better feed conversion than pigs receiving the same ration without Arsanilic Acid. In addition, feeds fortified with Arsanilic Acid generally will give even better performance when antibiotics are added.

Arsanilic Acid is produced by Abbott Laboratories and is sold to feed manufacturers under the trade name of Pro-Gen®. More and more feed manufacturers are taking advantage of this *low-cost* additive because it helps cut feed costs by sparing the requirement for antibiotics.

The next time you buy hog feeds, look for Arsanilic Acid on the feed tag. In the superior feeds (or broiler and turkey feeds) in which it's used, you'll always find it listed on the tag.

If your dealer does not carry feeds with the new *gain-booster* Arsanilic Acid, he can get full information by writing to Abbott Laboratories, Chemical Sales Division, North Chicago, Illinois.

Faster marketing and lower feed costs are two of the benefits Corn Belt feeders are getting from hog feeds fortified with the new low-cost *gain-booster*, Arsanilic Acid. It pays for itself many times.

(Advertisement)

This is Lloyd Bender of Wellman, Iowa, shown with 2,500 turkeys he is raising in partnership with his father-in-law, Ervin Stutzman, of Kalona, Iowa.

Mr. Stutzman has been raising Maplecrest turkeys for better than 23 years.

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It's your opportunity . . . to buy the best known, highest quality name in turkey history.

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Yes . . . better than 95% live healthy and strong to go to market! For Maplecrest poults are the result of more than 31 years of superior-selective breeding. They grow fast into top quality, meaty birds that command the highest prices. Maplecrest poults are your best, most profitable turkey buy on the market today.

Why Feed Maplecrest Turkey Feeds?

Because they are the finest in the market! They are made of the finest ingredients under rigid controls . . . put together by experienced nutritionists who specialize in turkeys. Maplecrest Feeds are a highly concentrated blend of rich ingredients, farm tested for 30 years on millions of birds. Maplecrest Feeds give you the fast gains you want, with economy and efficiency.

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It will bring you expert help and advice from a staff of turkey and poultry experts when you need it . . . at no added cost to you.

Are Maplecrest Poultry Feeds New?

No, they are not. They were produced in the beginning at the request of users of Maplecrest Turkey Feeds . . . who wanted the same high quality for their layers and broilers. Only statewide distribution is new. Maplecrest Poultry Feeds will produce fast-growing, healthy broilers in the least time . . . or well developed pullets you can house early and bring to full production at lowest cost.

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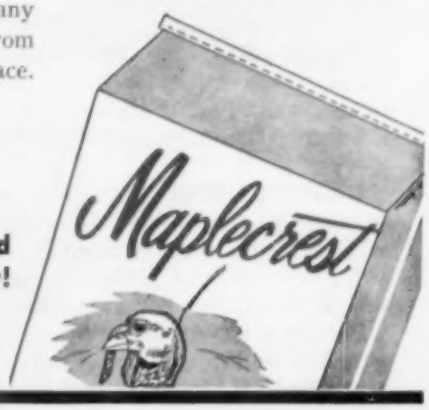
When your turkeys are ready for market, Maplecrest killing plants will buy them back . . . or you can sell on the open market. Under the Maplecrest "Package Program," your birds are insured, financed, serviced and fed to the finish with Maplecrest as your marketing helper. You are assured of highest carcass quality at marketing time. Maplecrest turkeys and broilers are sold coast-to-coast under the most respected brand name.

Need Insurance and Financing?

If you want this assistance from folks who know and understand turkey raising . . . it is yours. Maplecrest offers you a complete program . . . or any part of it . . . from egg to market place.



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